

STORMWATER ALIGNMENT TABLES

GRASSY BIOFILTRATION BED SWALE CENTERLINE ALIGNMENT TABLE								
STATION	BEARING	DISTANCE	RADIUS	TANGENT	LENGTH OF CURVE	DELTA	NORTHING	EASTING
10+00.00 POB	N23°33'49"E	31.08'	—	—	—	—	261065.04	2481345.21
10+31.08 PC	—	—	25.00'	—	37.22'	85°18'26"	261093.53	2481357.63
10+68.30 PRC	—	—	38.33'	—	78.65'	117°33'27"	261125.54	2481346.55
11+46.95 PRC	—	—	41.60'	—	28.02'	38°35'41"	261191.02	2481343.16
11+75.00 POE	—	—	20.83'	—	249.6000'	70°51'48"	261208.42	2481357.89

NOTE: GRASSY BIOFILTRATION SWALE ALIGNMENT SHOWN ON SHEET SW 2.0.

GRASSY BIOFILTRATION SWALE BED SWALE TABLE OF ELEVATION DATA				
STATION	NORTHING	EASTING	CL FL ELEVATION	SLOPE
10+00.00 POB	261065.04	2481345.21	1877.50	0.69%
10+31.08 PC	261093.53	2481357.63	1877.72	0.69%
10+68.30 PRC	261125.54	2481346.55	1877.98	0.69%
11+46.95 PRC	261191.02	2481343.16	1878.52	0.69%
11+75.00 POE	261208.42	2481357.89	1878.75	0.69%

NOTE: GRASSY BIOFILTRATION SWALE ALIGNMENT SHOWN ON SHEET SW 2.0 AND LEFT AND RIGHT TOP OF BANK ELEVATIONS ARE TO MATCH NEW PARK FINISHED GRADE.





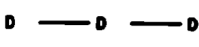
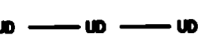
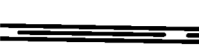

SKATE PARK STREAMBED CENTERLINE ALIGNMENT TABLE							
STATION	NORTHING	EASTING	LT OFFSET	RT OFFSET	CL FL ELEVATION	DISTANCE	SLOPE
14+00.00	261306.18	2481440.21	3.40'	3.50'	1880.20	0.00'	0.86%
14+13.24	261319.43	2481440.05	3.50'	3.40'	1880.31	13.24'	0.86%
14+43.43	261349.59	2481441.42	4.10'	3.90'	1880.57	30.19'	0.86%
14+58.63	261364.65	2481439.29	4.60'	4.30'	1880.70	15.20'	0.86%
14+80.96	261386.64	2481432.53	2.70'	9.60'	1880.90	22.33'	0.86%

NOTE: DRY STREAMBED ALIGNMENT SHOWN ON SHEET SW 2.0.

GENERAL NOTES

1. ALL UTILITIES SHOWN HAVE BEEN SHOWN BASED ON RECORD INFORMATION SUPPLEMENTED WITH LIMITED FIELD LOCATION AND SURVEYED WITH LIMITED POTHOLING FOR DEPTH, SIZE, OR MATERIAL VERIFICATION.
2. ALL UTILITIES SHOWN ARE SCHEMATIC IN NATURE AND CONTRACTOR SHALL FIELD LOCATE, VERIFY DEPTHS, SIZE, MATERIALS, AND NOTIFY THE ENGINEER OF CONFLICTS PRIOR TO INSTALLING UNDERGROUND UTILITIES OR STORMWATER SYSTEMS.
3. THE CONTRACTOR MAY ENCOUNTER SUSPECT SOILS OR GROUNDWATER WHICH WILL NEED TO BE ADDRESSED ACCORDING TO THE GROUNDWATER AND SOILS MANAGEMENT PLAN PREPARED FOR THIS PROJECT AND AS OUTLINED IN THE SPECIFICATIONS. SUSPECT MATERIALS ARE THOSE SOIL OR GROUNDWATER MATERIALS WHICH HAVE A NOTICEABLE SHEEN OR SMELL.
4. THE CONTRACTOR SHALL PERFORM ALL TRENCHING AND SHORING ACCORDING TO THE SPECIFICATIONS. WHERE ENCOUNTERED, ROCK SHALL BE REMOVED FROM THE TRENCH NEAT LINE LIMITS FOR ALL UTILITIES.
5. THE CONTRACTOR SHALL REFERENCE THE CIVIL DRAWINGS FOR ALL OTHER UTILITIES, GRADING, AND SITE CONDITIONS.
6. THE CONTRACTOR SHALL REFERENCE GRINDLINE DRAWINGS FOR SKATE PARK GRADING AND INLET LOCATIONS.
7. THE CONTRACTOR SHAL REFERENCE THE ARCHITECTURE SITE PLANS FOR ALL PARK RELATED FEATURES.

STORMWATER LEGEND

-  CATCH BASIN TYPE 4
-  CATCH BASIN TYPE 0
-  DRYWELL (TYPE NOTED ON PLAN)
-  MANHOLE TYPE 2 (SIZE PER PLAN)
-  DRAIN PIPE (SIZE PER PLAN)
-  UNDERDRAIN PIPE (SIZE PER PLAN)
-  STORM DRAIN PIPE (TYPE, SIZE, AND LENGTH PER PLAN)
-  POTHOLE LOCATIONS

STANDARD ABBREVIATIONS

- BOT

CB

CONC.

D.I.

DIAM.

E

EL

FL

IE

IN.

L

MAX.

MH

MIN.

N

NE

NW

POB

POC

PT

PCC

REINF.

RIM EL

S

SE

SW

SF

STA

STD.

TYP.

W
- BOTTOM

CATCH BASIN

CONCRETE

DUCTILE IRON

DIAMETER

EASTING, EAST

ELEVATION

FLOW LINE

INVERT ELEVATION

INCH

LENGTH

MAXIMUM

MANHOLE

MINIMUM

NORTHING, NORTH

NORTHEAST

NORTHWEST

POINT OF BEGINNING

POINT OF CURVATURE

POINT OF TANGENT

POINT OF COMPOUND CURVATURE

REINFORCED

RIM ELEVATION

SOUTH, SLOPE

SOUTHEAST

SOUTHWEST

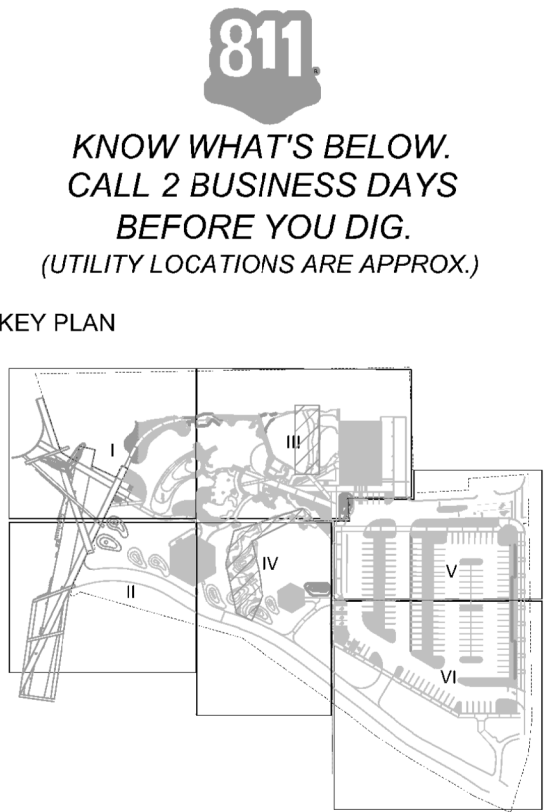
SQUARE FOOT

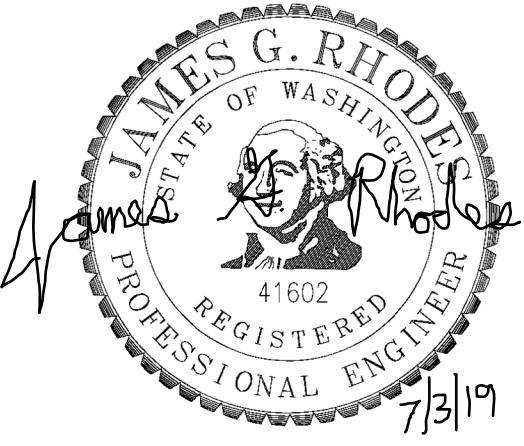
STATION

STANDARD

TYPICAL

WEST





DIGITALLY SIGNED:

TYPE OF IMPROVEMENT: PARK

CITY PURCHASING NUMBER

SHEET TITLE: STORMWATER GENERAL SHEET 7.3.2019

DRAWING NUMBER

SW 1.0

REVISION NO.:

DATE: Jun 28, 2019 - 2:11pm by: JRHODES

FILE NAME:

BY	REVISIONS	DATE



LOCATION: BRASS CAP #CP9 N50002.85 E20081.44 (WGS 84) NOTE: FOR CONVERSION TO HISTORICAL CITY DATUM ADD 13.13'			
ELEVATION: 1734.54' @ CAP #CP9	HORIZONTAL:	BAR IS ONE INCH ON ORIGINAL DRAWING. 0 = 100' HORIZONTAL 1" = 10' VERTICAL	
CBM NO. 43N, 44W NAVD 89	VERTICAL:	IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	
CITY DATUM	SCALE		

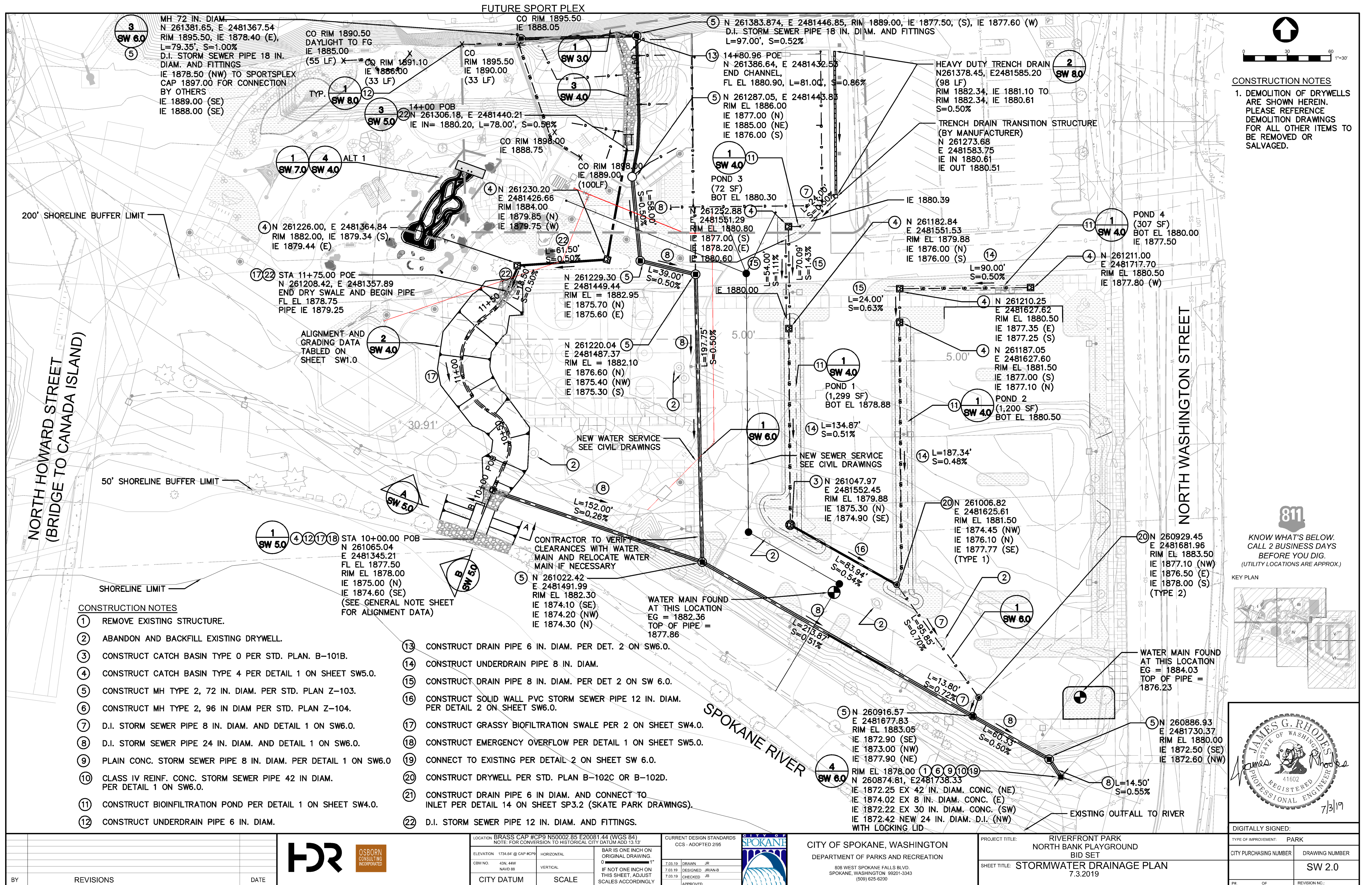
CURRENT DESIGN STANDARDS CCS - ADOPTED 2/95	
7.03.19	DRAWN: JR
7.03.19	DESIGNED: JRIAN-B
7.03.19	CHECKED: JB
APPROVED:	

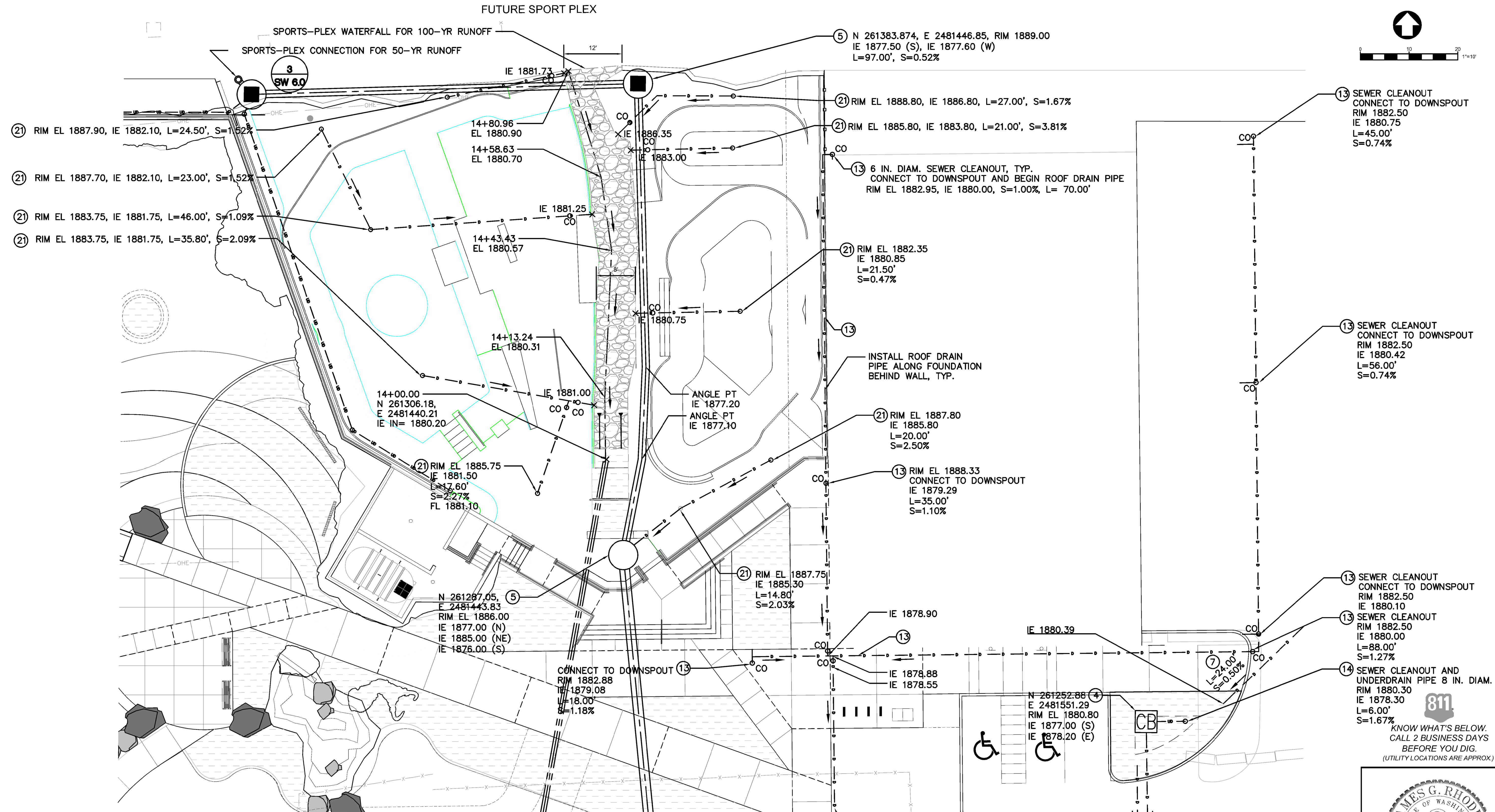


CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF PARKS AND RECREATION

808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343
(509) 625-6200

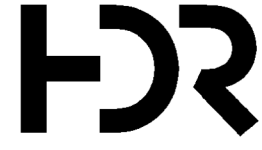


PROJECT TITLE: RIVERFRONT PARK
NORTH BANK PLAYGROUND
BID SET
SHEET TITLE: STORMWATER GENERAL SHEET
7.3.2019

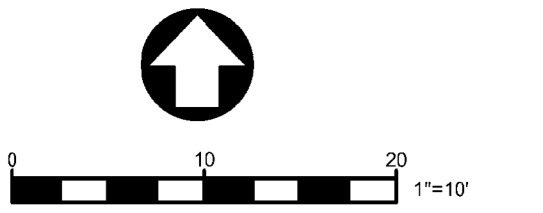




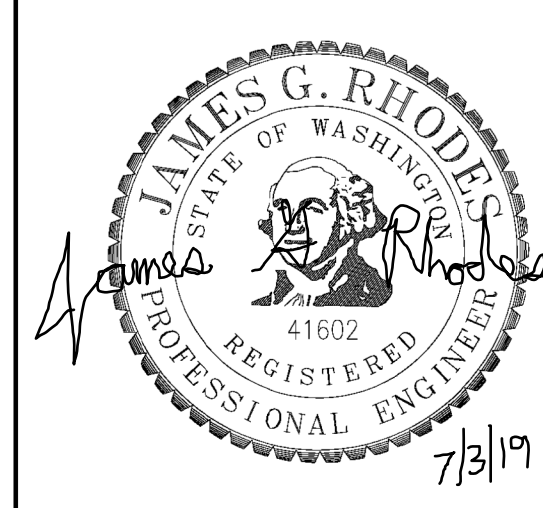
- GENERAL NOTES**
- 1. SEE SHEET SW 2.0 FOR GENERAL CONSTRUCTION NOTES.
 - 2. SEE CIVIL DRAWINGS AND ARCHITECT DRAWINGS FOR FINISHED GRADES.
 - 3. ALL RIMS AND LIDS SHALL MATCH FLUSH WITH FINISHED GRADE EXCEPT CATCH BASIN INLETS IN PONDS.

1
SW 2.0
SKATE PARK VICINITY DRAINAGE
DETAIL
SEE CONSTRUCTION NOTES ON SHEET SW2.0

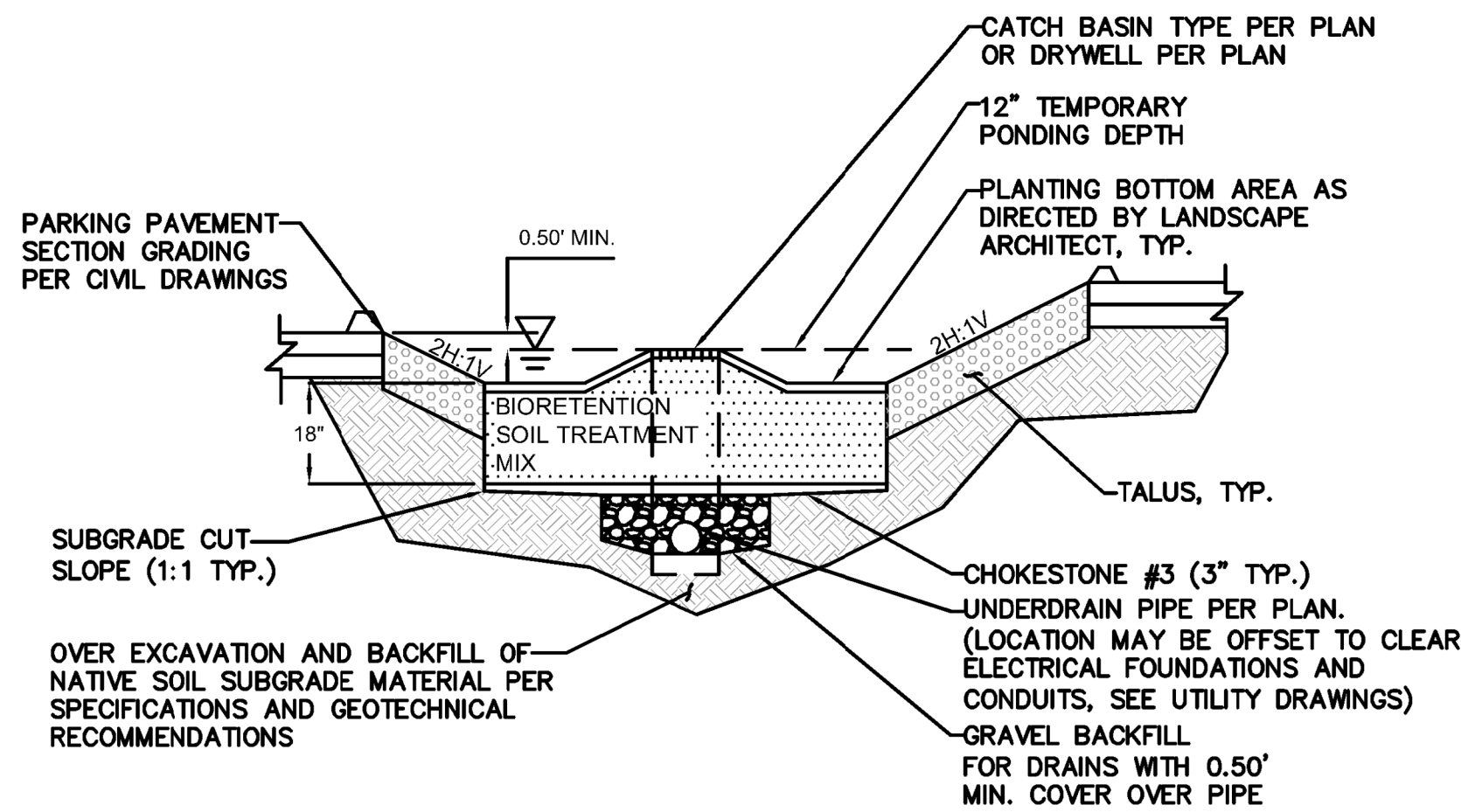
BY		REVISIONS	DATE	 		LOCATION BRASS CAP #CP9 N50002.85 E20081.44 (WGS 84) NOTE: FOR CONVERSION TO HISTORICAL CITY DATUM ADD 13.13'	CITY DATUM	SCALE	IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	CURRENT DESIGN STANDARDS CCS - ADOPTED 2/95		CITY OF SPOKANE, WASHINGTON DEPARTMENT OF PARKS AND RECREATION 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6200	PROJECT TITLE: RIVERFRONT PARK NORTH BANK PLAYGROUND BID SET SHEET TITLE: STORMWATER DRAINAGE DETAIL 7.3.2019	DRAWING NUMBER: SW 3.0	REVISION NO.:
						ELEVATION 1734.54 @ CAP #CP9	HORIZONTAL	VERTICAL		7.03.2019 DRAWN JR					
						CBM NO. 43N, 44W NAVD 88				7.03.2019 DESIGNED JR/AN-B					
										7.03.2019 CHECKED JB					
										APPROVED					



- 13 SEWER CLEANOUT
CONNECT TO DOWNSPOUT
RIM 1882.50
IE 1880.75
L=45.00'
S=0.74%
 - 13 SEWER CLEANOUT
CONNECT TO DOWNSPOUT
RIM 1882.50
IE 1880.42
L=56.00'
S=0.74%
 - 13 SEWER CLEANOUT
CONNECT TO DOWNSPOUT
RIM 1882.50
IE 1880.10
L=88.00'
S=1.27%
 - 13 SEWER CLEANOUT
CONNECT TO DOWNSPOUT
RIM 1882.50
IE 1880.00
L=88.00'
S=1.27%
 - 14 SEWER CLEANOUT AND
UNDERDRAIN PIPE 8 IN. DIAM.
RIM 1880.30
IE 1878.30
L=6.00'
S=1.67%
- KNOW WHAT'S BELOW.
CALL 2 BUSINESS DAYS
BEFORE YOU DIG.
(UTILITY LOCATIONS ARE APPROX.)



DIGITALLY SIGNED:
TYPE OF IMPROVEMENT: PARK
CITY PURCHASING NUMBER:
DRAWING NUMBER:
SW 3.0
REVISION NO.:



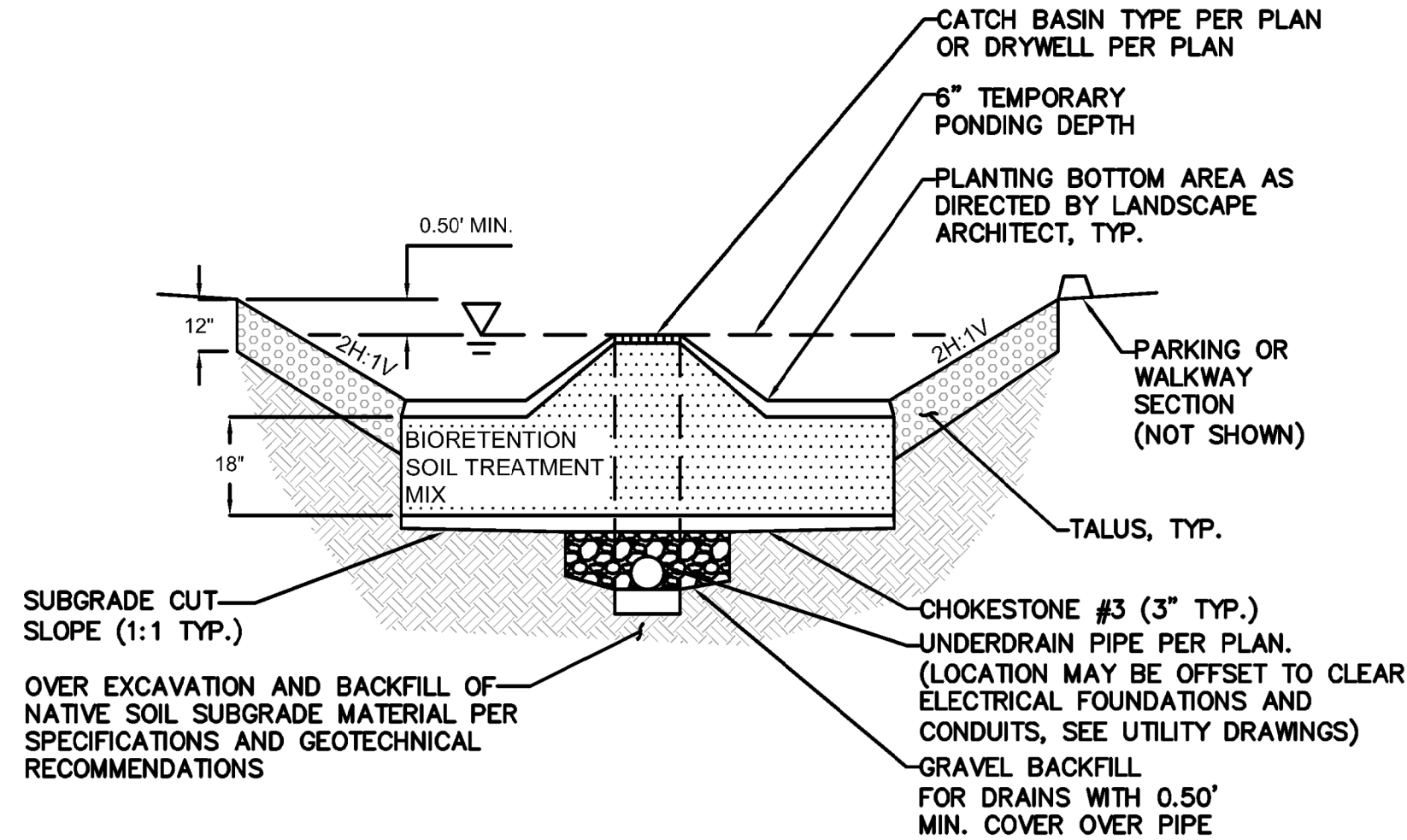
(PONDS 1 AND 2)

1
SW 2.0

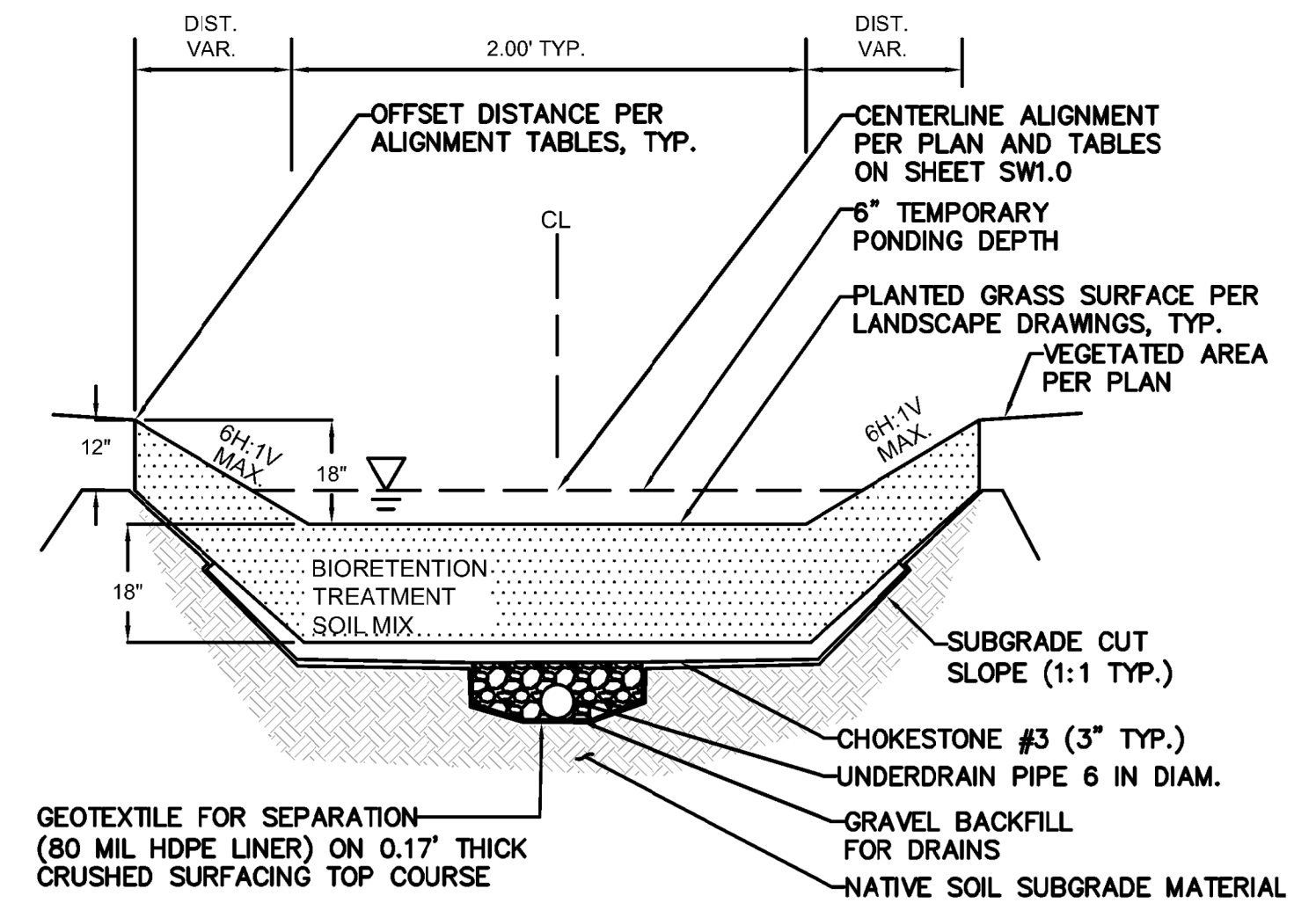
PARKING LOT BIORETENTION AREA DETAILS

NTS

NOTE:
1. POND AREAS REPORTED IN PLAN ARE POND BOTTOM AREA.



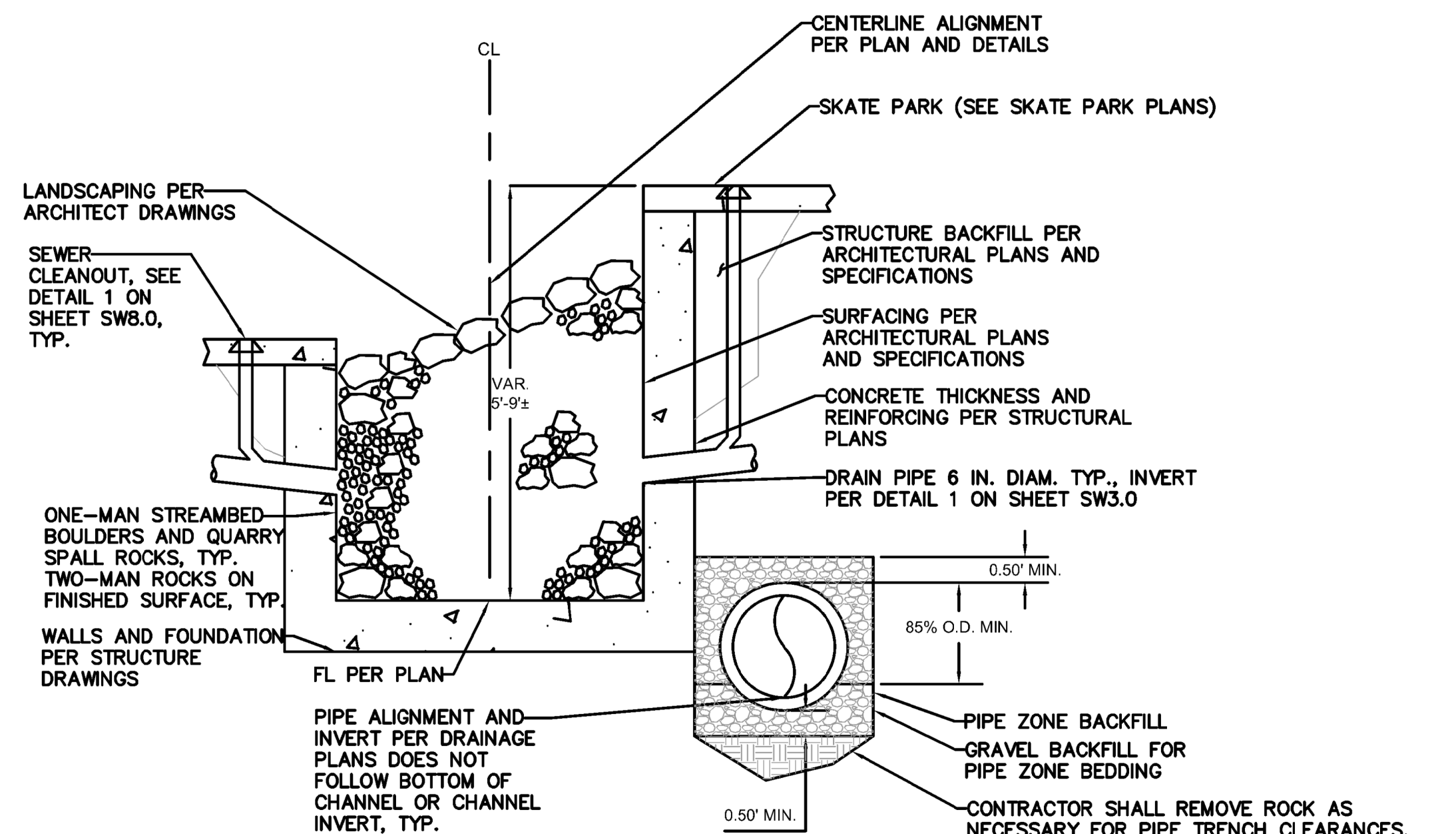
(PONDS 3, AND 4)



2
SW 2.0

GRASSY BIOFILTRATION SWALE TYPICAL SECTION

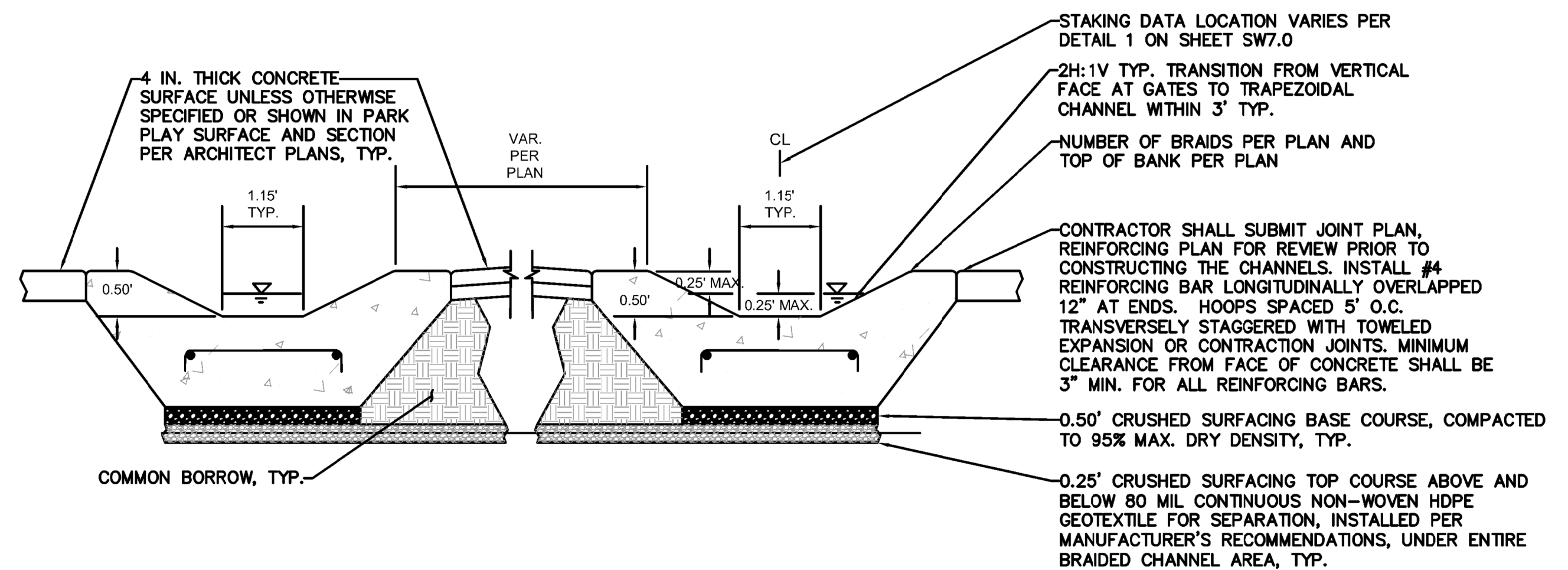
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3
SW 2.0

SKATE PARK CHANNEL TYPICAL SECTION

NTS

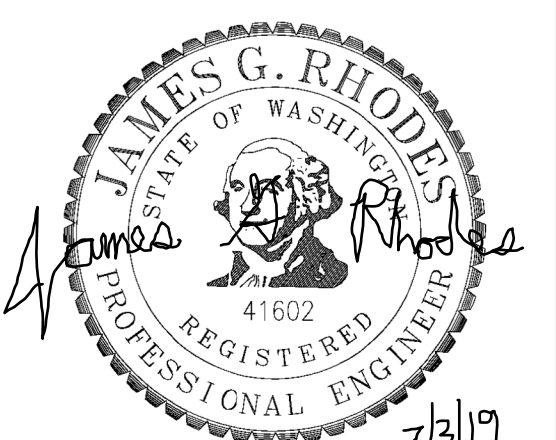


4
SW 2.0

BRAIDED CHANNEL - ALT 1 TYPICAL SECTION

NTS

811
KNOW WHAT'S BELOW.
CALL 2 BUSINESS DAYS
BEFORE YOU DIG.
(UTILITY LOCATIONS ARE APPROX.)



DIGITALLY SIGNED:	
TYPE OF IMPROVEMENT:	PARK
CITY PURCHASING NUMBER	DRAWING NUMBER
	SW 4.0
DATE:	REVISION NO.:

BY	REVISIONS	DATE



LOCATION: BRASS CAP #CP9 N50002.85 E20081.44 (WGS 84) NOTE: FOR CONVERSION TO HISTORICAL CITY DATUM ADD 13.13'	
ELEVATION: 1734.54 @ CAP #CP9	HORIZONTAL:
CBM NO. 43N, 44W NAVD 88	VERTICAL:
CITY DATUM	SCALE

CURRENT DESIGN STANDARDS CCS - ADOPTED 2/95	
7.03.2019	DRAWN: JR
7.03.2019	DESIGNED: JR/AN-B
7.03.2019	CHECKED: JB
	APPROVED:

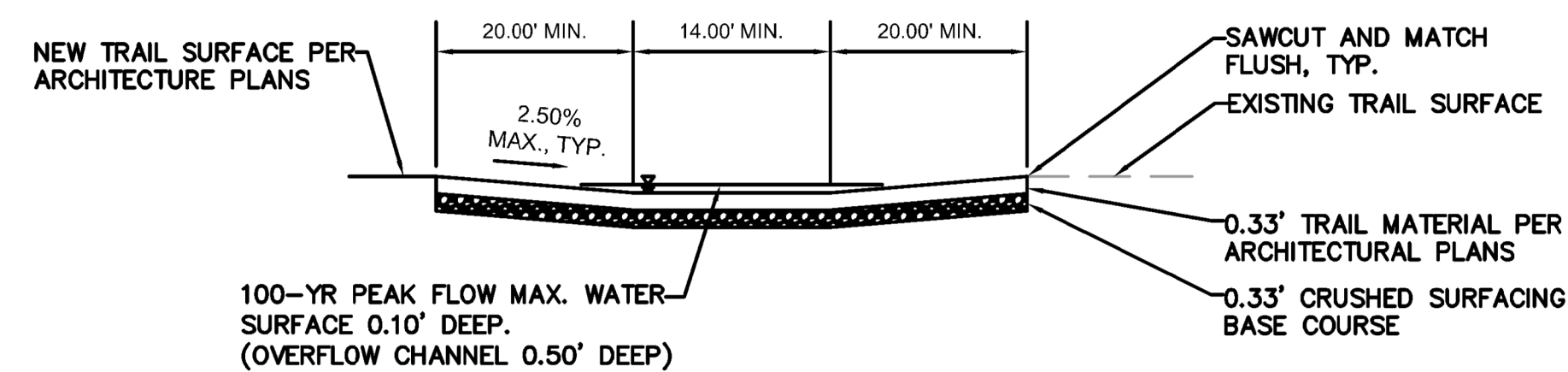


CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF PARKS AND RECREATION
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343
(509) 625-6200

PROJECT TITLE: RIVERFRONT PARK
NORTH BANK PLAYGROUND
BID SET
SHEET TITLE: STORMWATER DRAINAGE DETAILS
7.3.2019

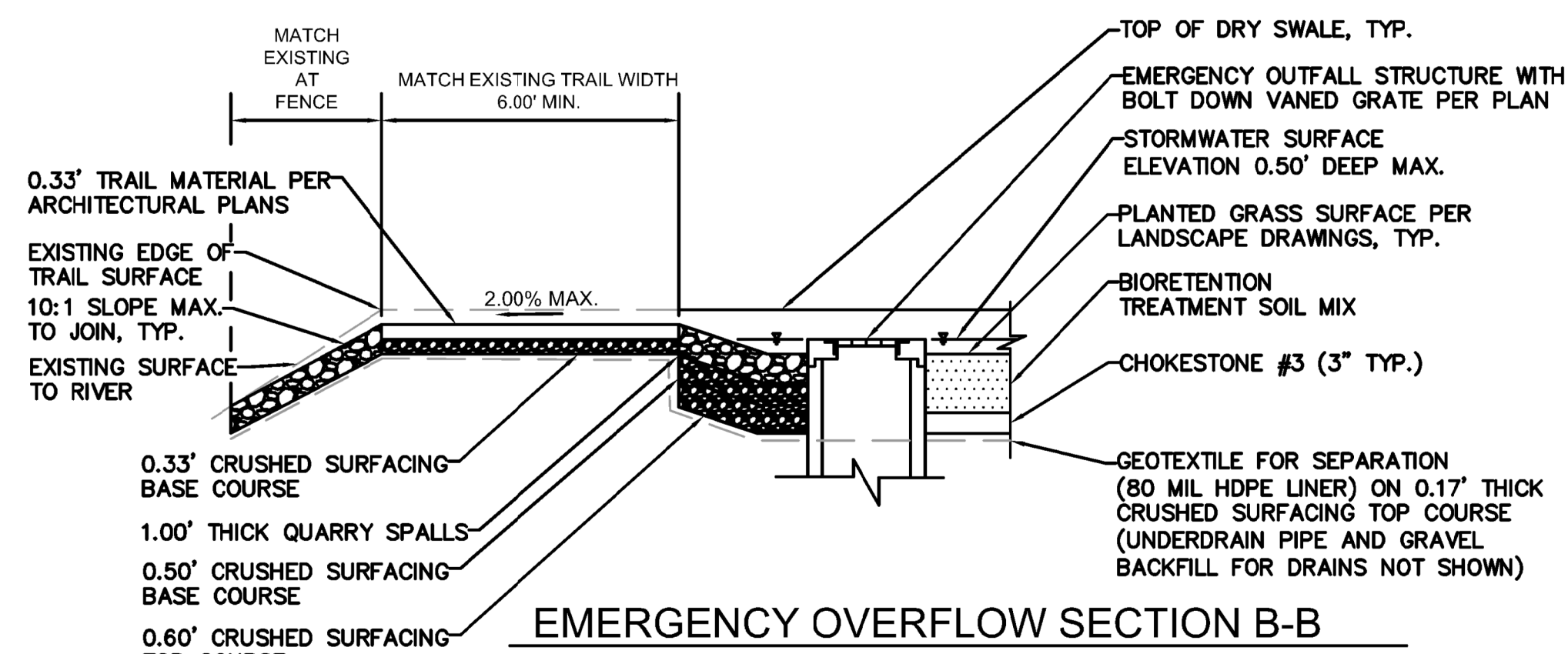
DATE: Jun 28, 2019 - 2:03pm by: JRHODES

FILE NAME:



EMERGENCY OVERFLOW SECTION A-A

NTS



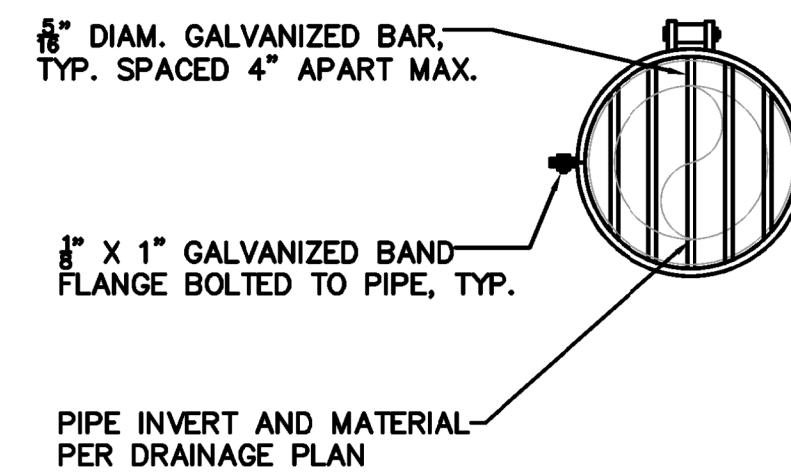
EMERGENCY OVERFLOW SECTION B-B

1
SW 20

GRASSY BIOFILTRATION SWALE EMERGENCY OVERFLOW

DETAIL

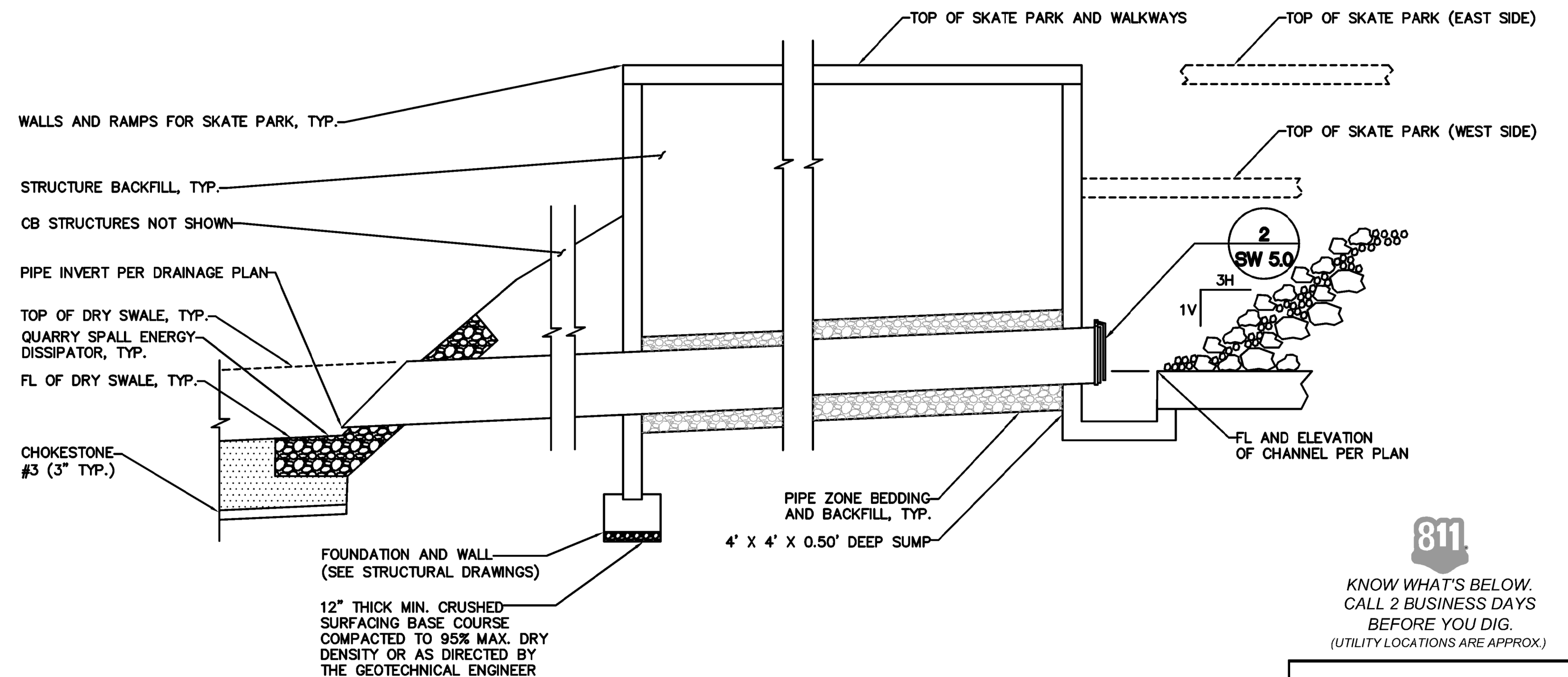
NTS



2
SW 5.0

CULVERT GRATE
DETAIL

NTS

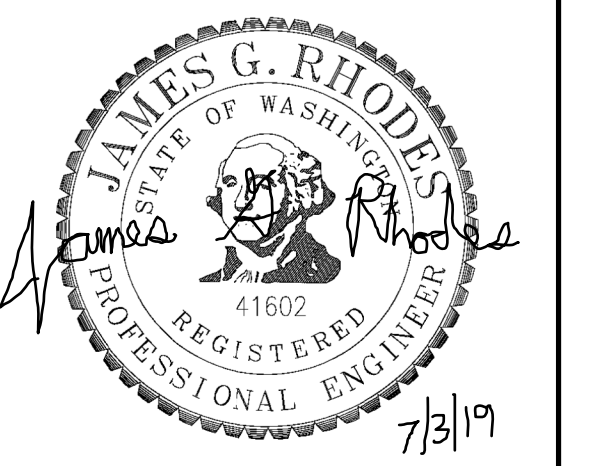


3
SW 20

SKATE PARK CULVERT
TYPICAL DETAIL

NTS

811
KNOW WHAT'S BELOW.
CALL 2 BUSINESS DAYS
BEFORE YOU DIG.
(UTILITY LOCATIONS ARE APPROX.)



DIGITALLY SIGNED:	
TYPE OF IMPROVEMENT:	PARK
CITY PURCHASING NUMBER	DRAWING NUMBER
	SW 5.0
DATE:	OF
FILE NAME:	REVISION NO.:

BY	REVISIONS	DATE



LOCATION: BRASS CAP #CP9 N50002.85 E20081.44 (WGS 84) NOTE: FOR CONVERSION TO HISTORICAL CITY DATUM ADD 13.13'	
ELEVATION: 1734.54' @ CAP #CP9	HORIZONTAL:
CBM NO.: 43N, 44W NAVD 88	VERTICAL:
CITY DATUM	SCALE

CURRENT DESIGN STANDARDS CCS - ADOPTED 2/95	
7.03.2019	DRAWN: JR
7.03.2019	DESIGNED: JR/AN-B
7.03.2019	CHECKED: JB
	APPROVED:

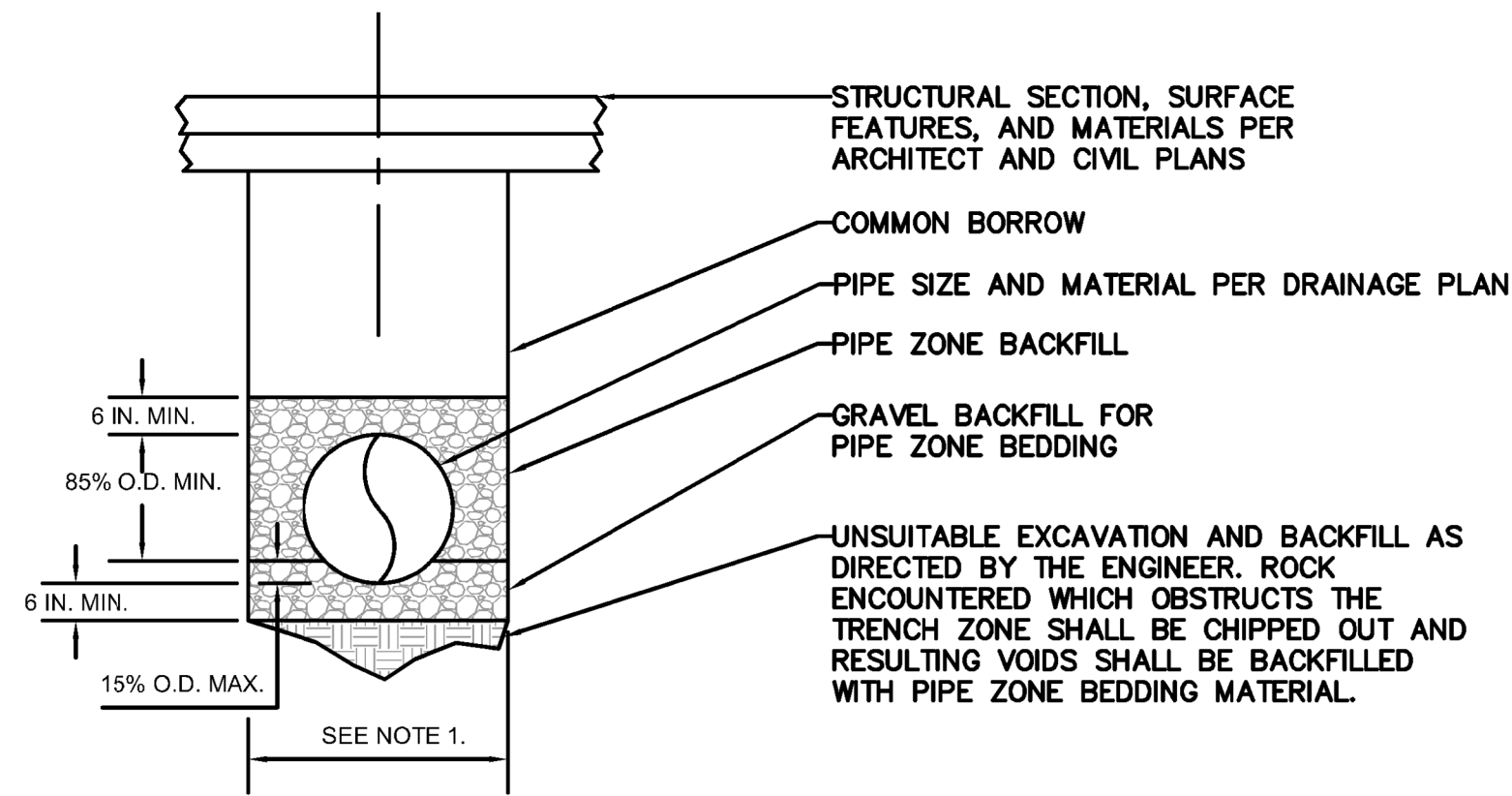


CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF PARKS AND RECREATION
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343
(509) 625-6200

PROJECT TITLE: RIVERFRONT PARK
NORTH BANK PLAYGROUND
BID SET
SHEET TITLE: STORMWATER DRAINAGE DETAILS
7.3.2019

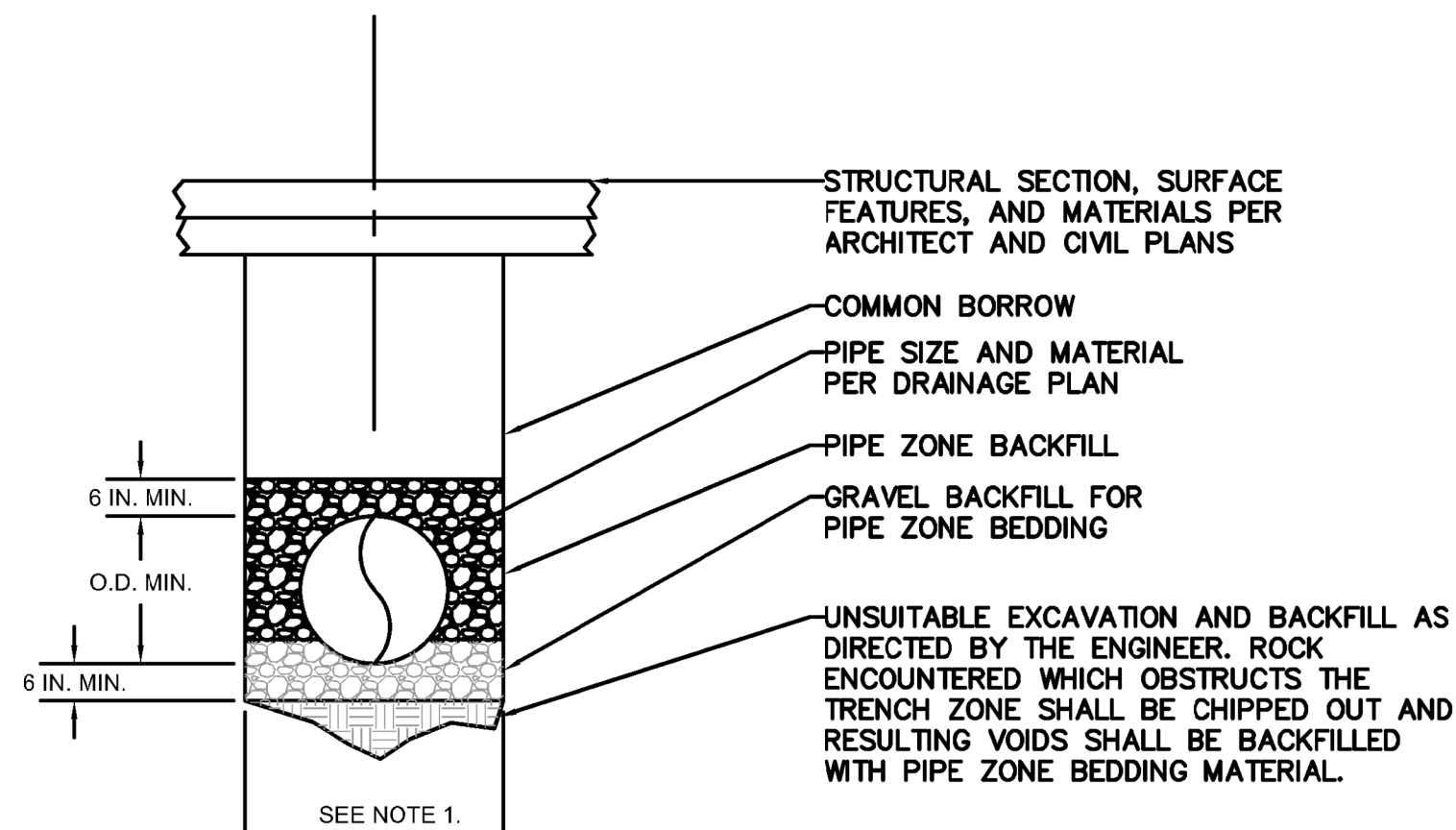
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FILE NAME:



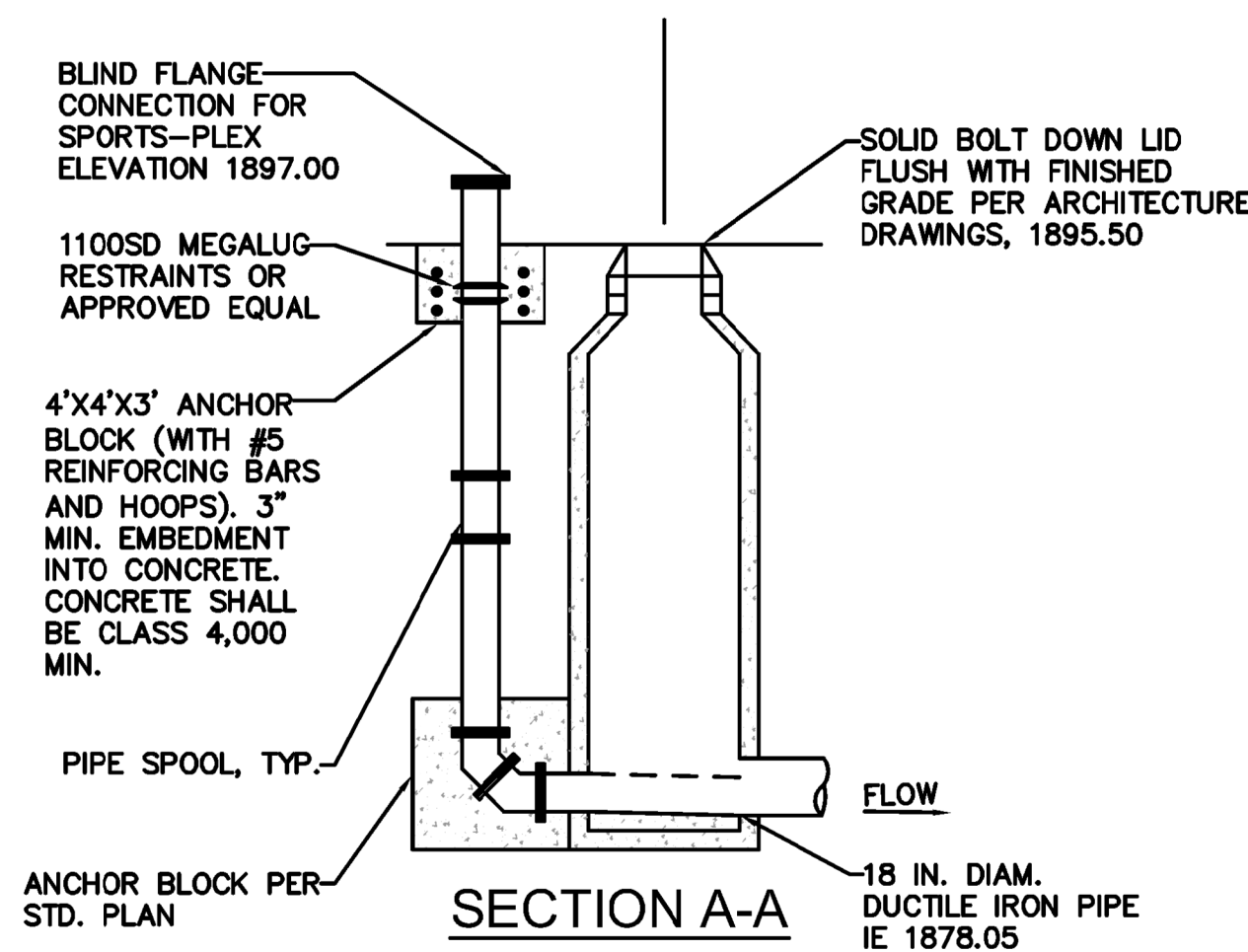
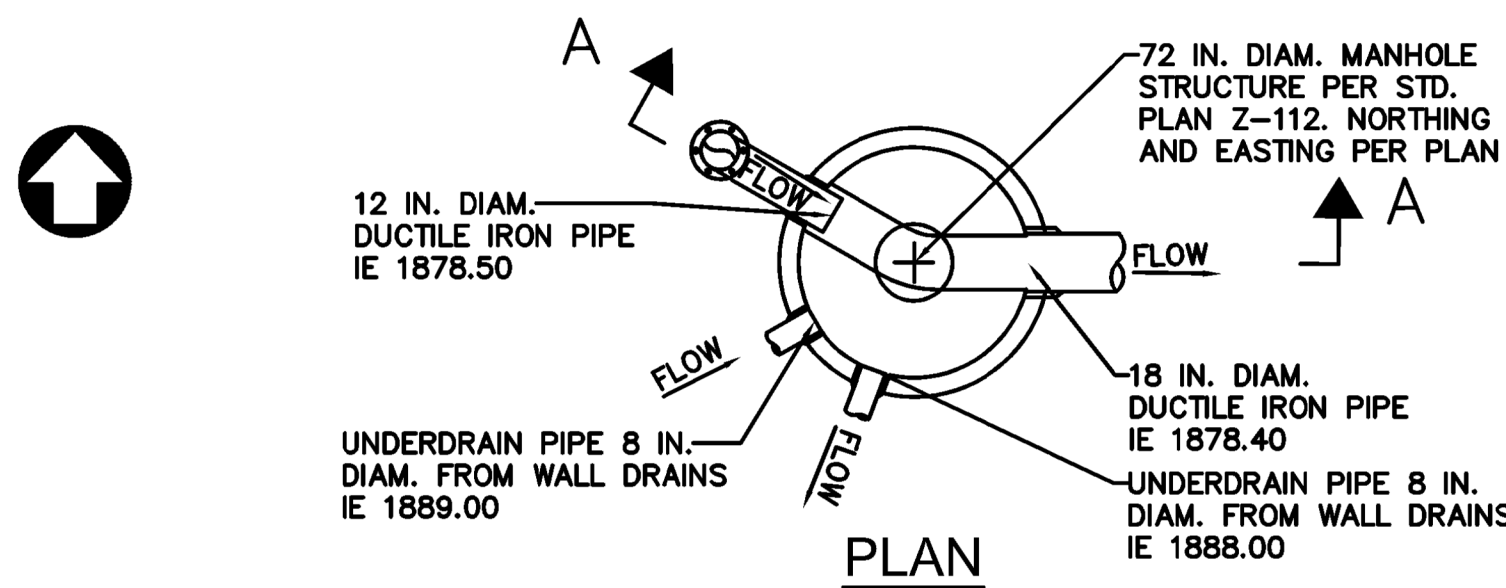
NOTE 1.
FOR PIPES 15 INCHES AND UNDER, TRENCH WIDTH = I.D. + 30 INCHES.
FOR PIPES 18 INCHES AND OVER, TRENCH WIDTH = (1.5 X I.D.) + 18 INCHES

1
SW 2.0
TYPICAL RIGID PIPE TRENCH
DETAIL
NTS



NOTE 1.
FOR DRAIN AND UNDERDRAIN PIPES, TRENCH WIDTH = I.D. + 12 INCHES.

2
SW 2.0
TYPICAL FLEXIBLE PIPE TRENCH
DETAIL
NTS



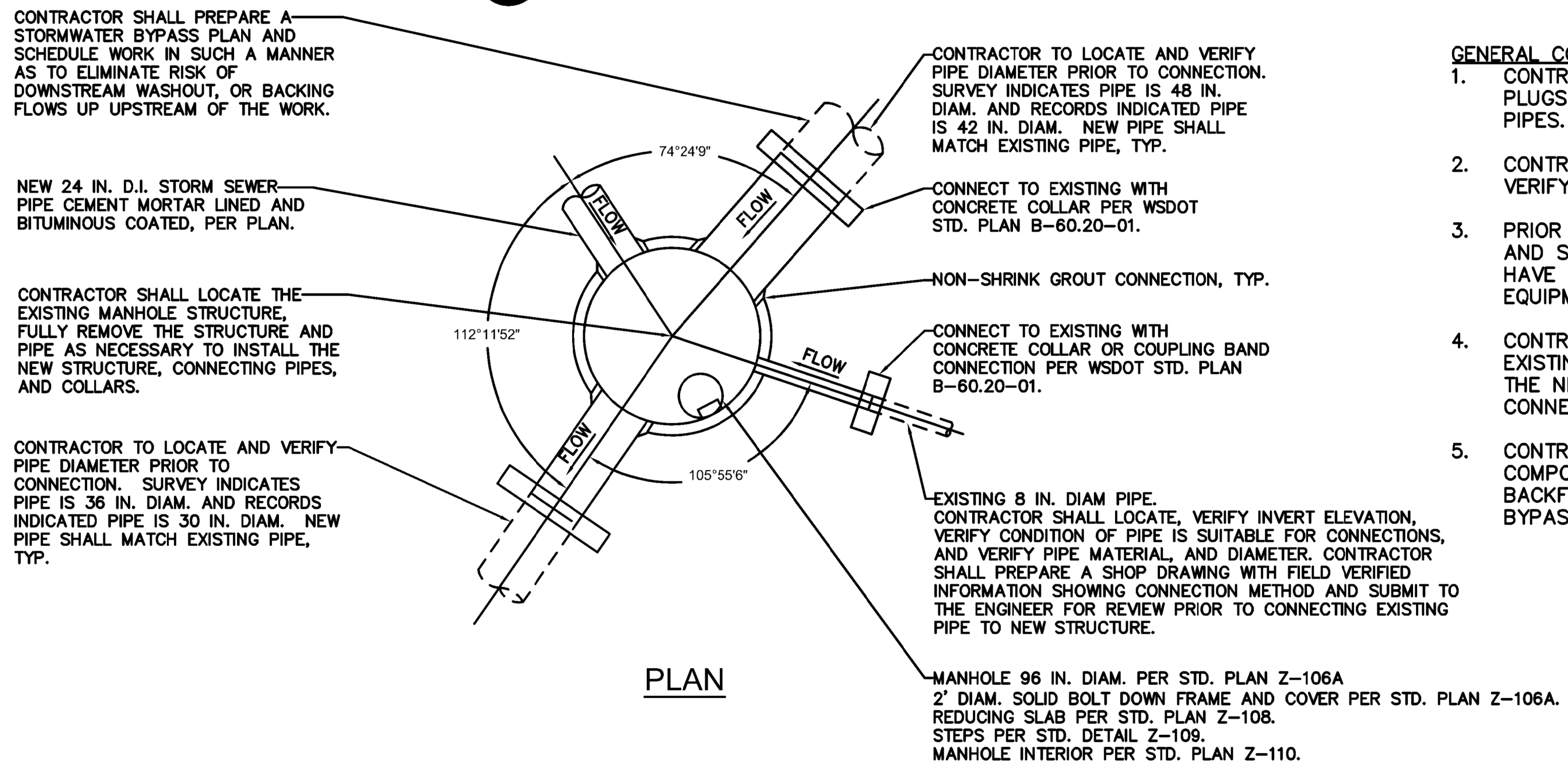
3
SW 2.0
SPORTS PLEX CONNECTION
TYPICAL DETAIL
NTS

CONTRACTOR SHALL PREPARE A STORMWATER BYPASS PLAN AND SCHEDULE WORK IN SUCH A MANNER AS TO ELIMINATE RISK OF DOWNSTREAM WASHOUT, OR BACKING FLOWS UP UPSTREAM OF THE WORK.

NEW 24 IN. D.I. STORM SEWER PIPE CEMENT MORTAR LINED AND BITUMINOUS COATED, PER PLAN.

CONTRACTOR SHALL LOCATE THE EXISTING MANHOLE STRUCTURE, FULLY REMOVE THE STRUCTURE AND PIPE AS NECESSARY TO INSTALL THE NEW STRUCTURE, CONNECTING PIPES, AND COLLARS.

CONTRACTOR TO LOCATE AND VERIFY PIPE DIAMETER PRIOR TO CONNECTION. SURVEY INDICATES PIPE IS 36 IN. DIAM. AND RECORDS INDICATED PIPE IS 30 IN. DIAM. NEW PIPE SHALL MATCH EXISTING PIPE, TYP.



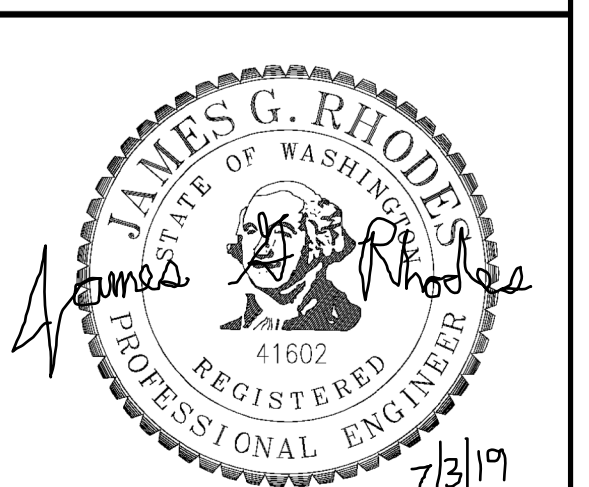
4
SW 2.0
OUTFALL CONNECTION
DETAIL
NTS

GENERAL CONSTRUCTION SEQUENCE

1. CONTRACTOR SHALL INSTALL TEMPORARY PIPE PLUGS AND STORMWATER BYPASS PUMPS AND PIPES.
2. CONTRACTOR SHALL EXCAVATE, EXPOSE, AND VERIFY PIPE SIZE AND CONFIGURATION.
3. PRIOR TO DEMOLISHING THE EXISTING PIPE AND STRUCTURES, THE CONTRACTOR SHALL HAVE ON-SITE ALL MATERIALS AND EQUIPMENT TO COMPLETE THE PROJECT.
4. CONTRACTOR SHALL CUT AND REMOVE EXISTING PIPES AND STRUCTURE AND INSTALL THE NEW STRUCTURE BASE AND MAKE PIPE CONNECTIONS.
5. CONTRACTOR SHALL INSTALL REMAINING COMPONENTS OF THE STRUCTURE AND BACKFILL PRIOR TO TAKING STORMWATER BYPASS FLOWS OFF-LINE.



KNOW WHAT'S BELOW.
CALL 2 BUSINESS DAYS
BEFORE YOU DIG.
(UTILITY LOCATIONS ARE APPROX.)



DIGITALLY SIGNED:	
TYPE OF IMPROVEMENT:	PARK
CITY PURCHASING NUMBER	DRAWING NUMBER
	SW 6.0
Re: OF	REVISION NO.:

BY	REVISIONS	DATE



LOCATION BRASS CAP #CP9 N50002.85 E20081.44 (WGS 84) NOTE: FOR CONVERSION TO HISTORICAL CITY DATUM ADD 13.13'	
ELEVATION 1734.54' @ CAP #CP9	HORIZONTAL
CBM NO. 43N, 44W NAD83 BE	VERTICAL
CITY DATUM	SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING.
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

CURRENT DESIGN STANDARDS CCS - ADOPTED 2/95	
7.03.2019	DRAWN JR
7.03.2019	DESIGNED JR/AN-B
7.03.2019	CHECKED JB
	APPROVED

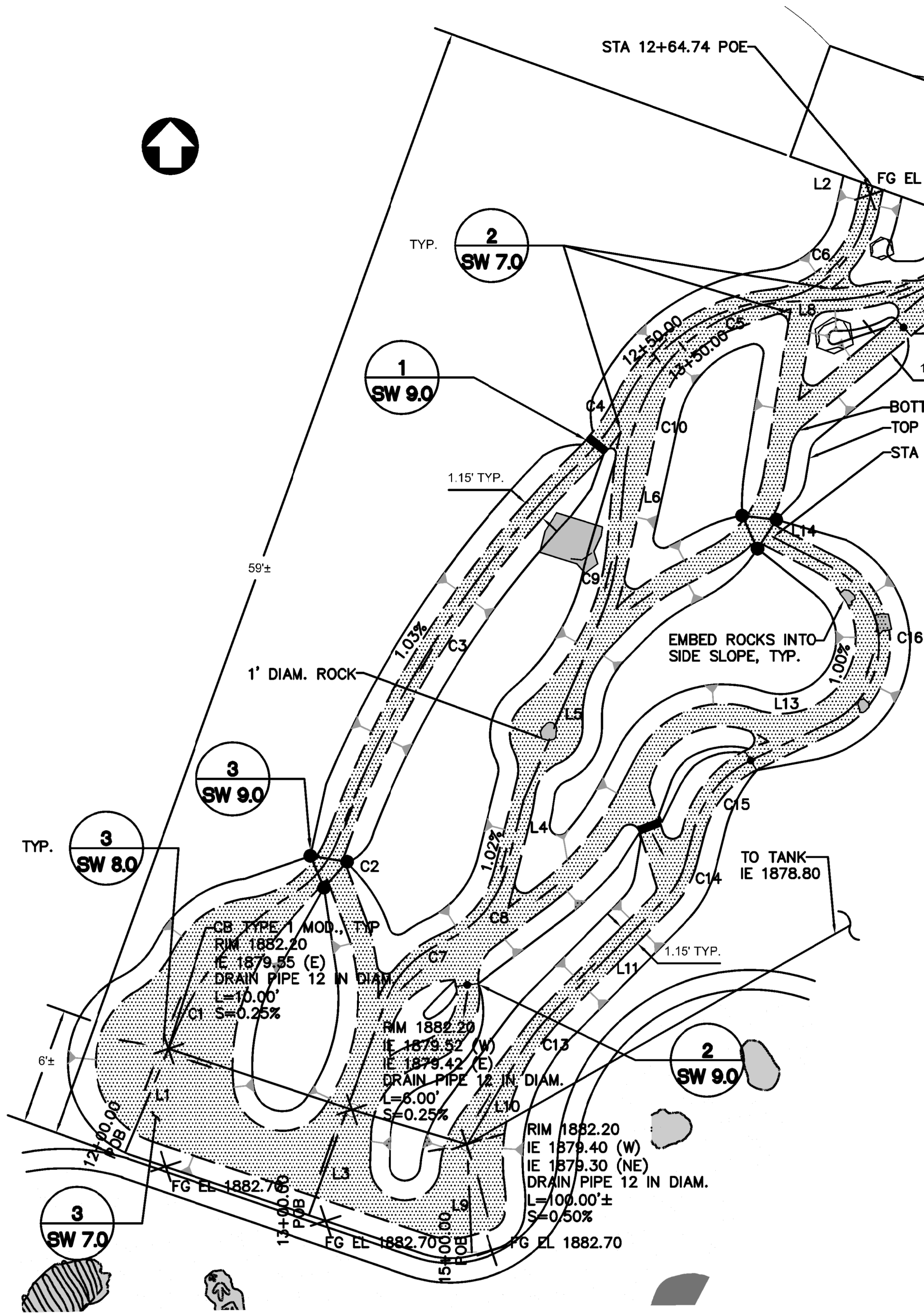


CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF PARKS AND RECREATION
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343
(509) 625-6200

PROJECT TITLE: RIVERFRONT PARK
NORTH BANK PLAYGROUND
BID SET
SHEET TITLE: STORMWATER DRAINAGE DETAILS
7.3.2019

DATE: Jun 28, 2019 - 2:00pm by: JRHODES

FILE NAME:



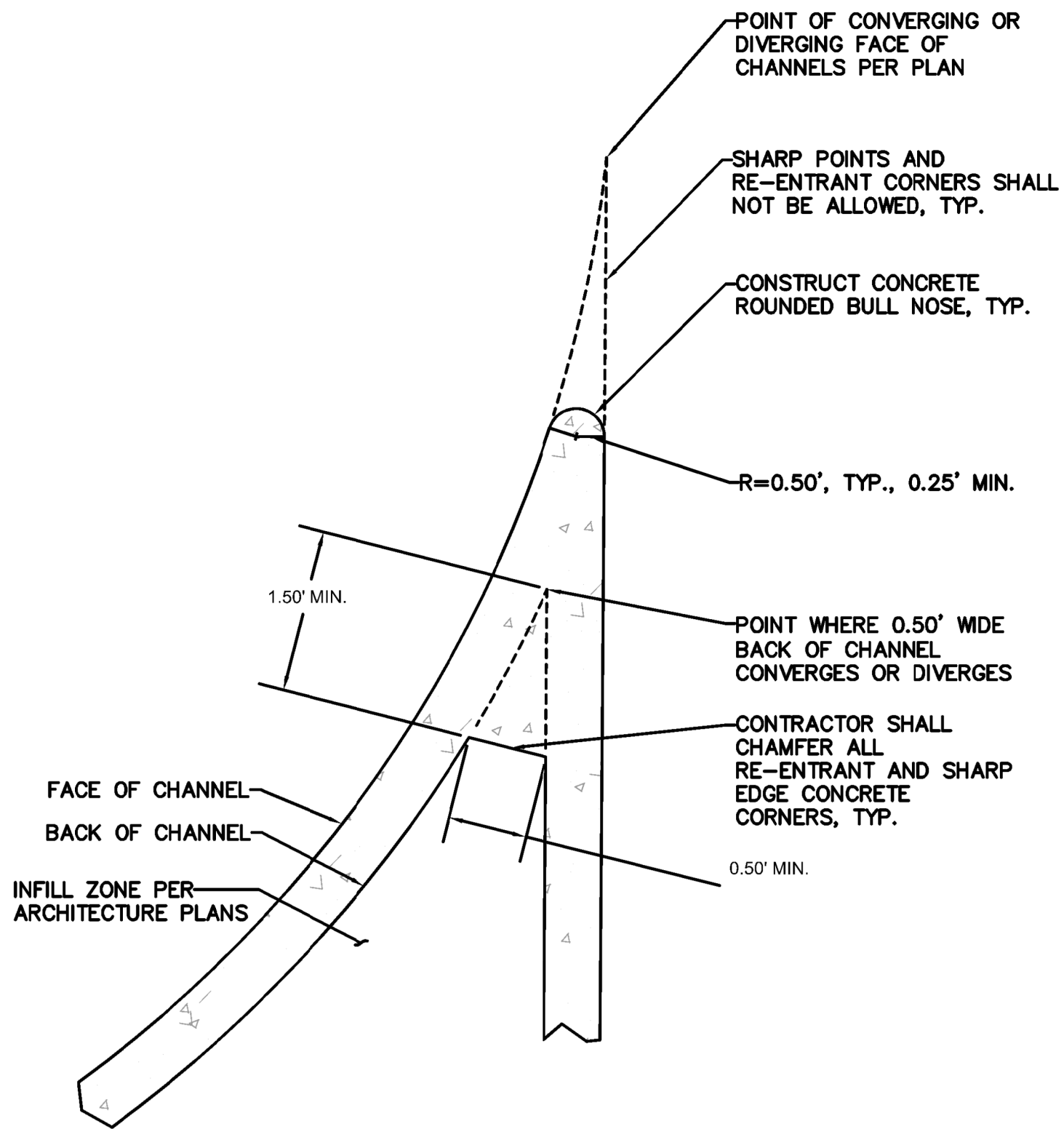
WEST CHANNEL							
CURVE OR LINE IDENTIFIER	STATION	LENGTH	RADIUS	BEARING	DELTA	TANGENT	ELEVATION
L1 POB	12+00.00	6.88'	—	N22°35'01"E	—	—	1882.70'
C1	12+06.88	9.19'	14.50'	—	36°18'31"	4.75'	1882.20'
C2	12+16.07	3.80'	5.58'	—	39°02'02"	1.98'	1882.30'
C3	12+19.87	23.30'	51.15'	—	26°06'08"	11.86'	1882.34'
C4	12+43.17	3.55'	10.35'	—	19°40'36"	1.79'	1882.58'
C5	12+46.72	9.50'	9.43'	—	57°46'11"	5.20'	1882.62'
C6	12+56.23	7.00'	5.57'	—	71°53'53"	4.04'	1882.72'
L2	12+63.22	1.52'	—	N12°09'19"E	—	—	1882.79'
POE	12+64.74	—	—	—	—	—	1882.80'

MIDDLE CHANNEL							
L3 POB	13+00.00	11.39'	—	N19°41'04"E	—	—	1882.70'
C7	13+11.39	4.60'	5.58'	—	47°19'17"	2.44'	1882.26'
C8	13+15.99	5.14'	5.57'	—	52°47'00"	2.77'	1882.30'
L4	13+21.13	3.57'	—	N13°56'06"E	—	—	1882.35'
L5	13+24.70	9.95'	—	N22°55'40"E	—	—	1882.39'
C9	13+34.65	3.87'	12.57'	—	17°38'54"	1.95'	1882.49'
L6	13+38.52	4.08'	—	N5°16'48"E	—	—	1882.53'
C10	13+42.60	2.05'	8.72'	—	13°26'24"	1.03'	1882.56'
L7	13+44.65	0.72'	—	N18°43'12"E	—	—	1882.59'
C11	13+45.37	10.32'	8.57'	—	68°59'11"	5.89'	1882.60'
L8	13+55.70	2.28'	—	N87°42'23"E	—	—	1882.70'
C12	13+57.97	8.77'	10.57'	—	47°31'56"	4.66'	1882.72'
POE	13+66.75	—	—	—	—	—	1882.80'

EAST CHANNEL							
L9	15+00.00	5.51'	—	N2°29'45"W	—	—	1882.70'
L10	15+05.51	5.38'	—	N30°37'20"E	—	—	1882.20'
C13	15+10.89	2.60'	10.58'	—	14°04'16"	1.31'	1882.25'
L11	15+13.48	8.13'	—	N44°41'36"E	—	—	1882.28'
C14	15+21.62	2.34'	4.43'	—	30°21'35"	1.20'	1882.36'
L12	15+23.96	1.59'	—	N14°20'01"E	—	—	1882.38'
C15	15+25.55	4.88'	5.57'	—	50°10'15"	2.61'	1882.40'
L13	15+30.43	4.39'	—	N64°30'15"E	—	—	1882.45'
C16	15+34.82	9.83'	4.42'	—	127°18'18"	8.93'	1882.49'
L14	—	3.39'	—	N62°48'03"W	—	—	1882.59'
POE	15+48.04	—	—	N62°48'03"W	—	—	1882.63'

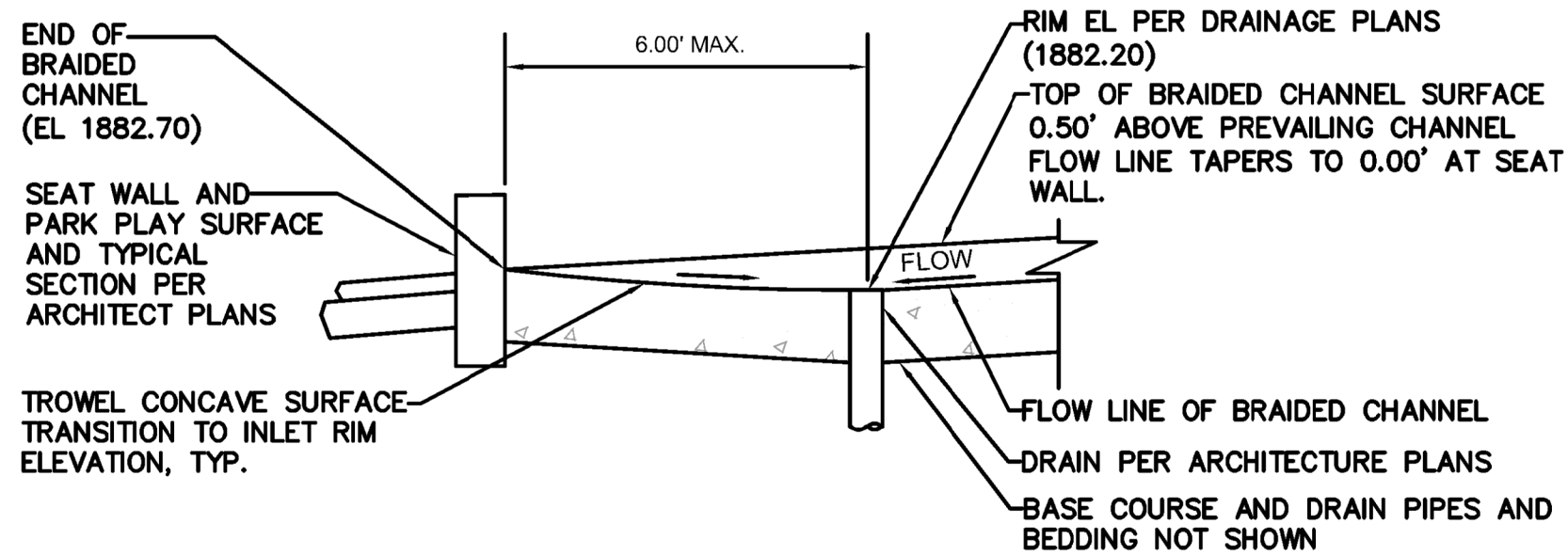
1
SW 2.0
BRAIDED STREAM GEOMETRY - ALT 1
DETAIL

NTS



2
SW 7.0
RE-ENTRANT CORNER DETAIL
DETAIL

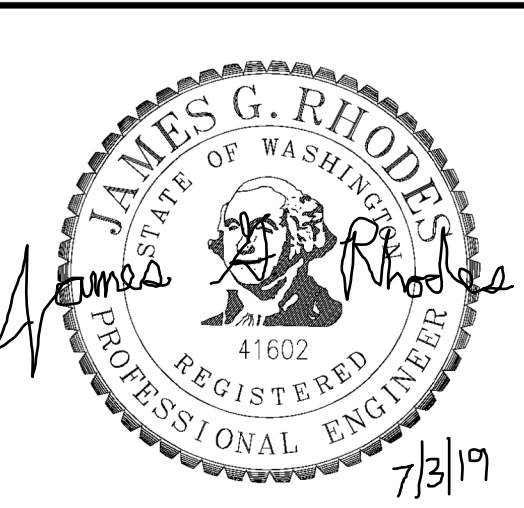
NTS



3
SW 7.0
BRAIDED CHANNEL WATER COLLECTION INLET
DETAIL

NTS

811
KNOW WHAT'S BELOW.
CALL 2 BUSINESS DAYS
BEFORE YOU DIG.
(UTILITY LOCATIONS ARE APPROX.)



DIGITALLY SIGNED:

TYPE OF IMPROVEMENT:	PARK
CITY PURCHASING NUMBER	DRAWING NUMBER
	SW 7.0
DATE	REVISION NO.

BY	REVISIONS	DATE
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LOCATION	BRASS CAP #CP9 N50002.85 E20081.44 (WGS 84) NOTE: FOR CONVERSION TO HISTORICAL CITY DATUM ADD 13.13'
ELEVATION	1734.54' @ CAP #CP9
CBM NO.	43N, 44W NAD83 88
CITY DATUM	SCALE

CURRENT DESIGN STANDARDS	CCS - ADOPTED 2/95
DATE	7.03.2019
DRAWN	JR
DESIGNED	JR/AN-B
CHECKED	JB
APPROVED	



CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF PARKS AND RECREATION
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343
(509) 625-6200

PROJECT TITLE: RIVERFRONT PARK
NORTH BANK PLAYGROUND
BID SET
SHEET TITLE: STORMWATER DRAINAGE DETAILS
7.3.2019

DATE: Jun 28, 2019 - 1:59pm by: JRHODES

FILE NAME:



NTS

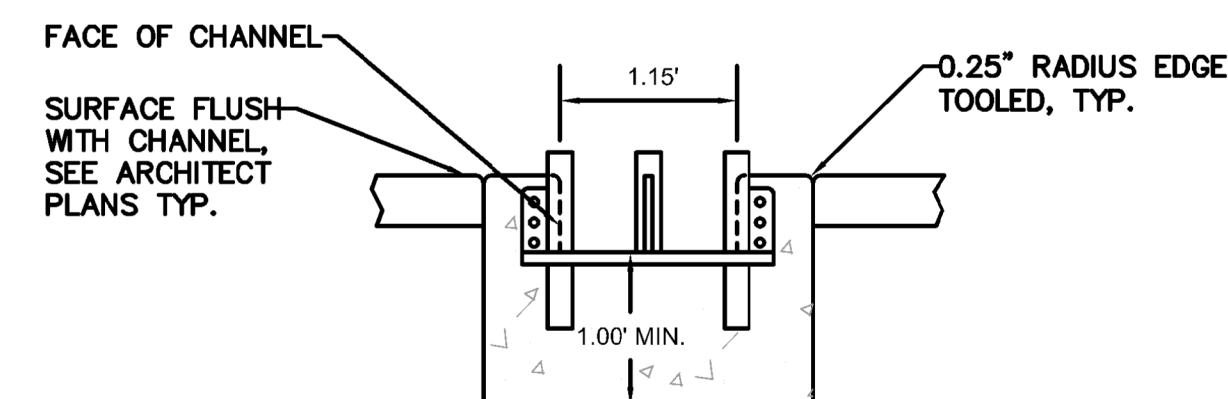
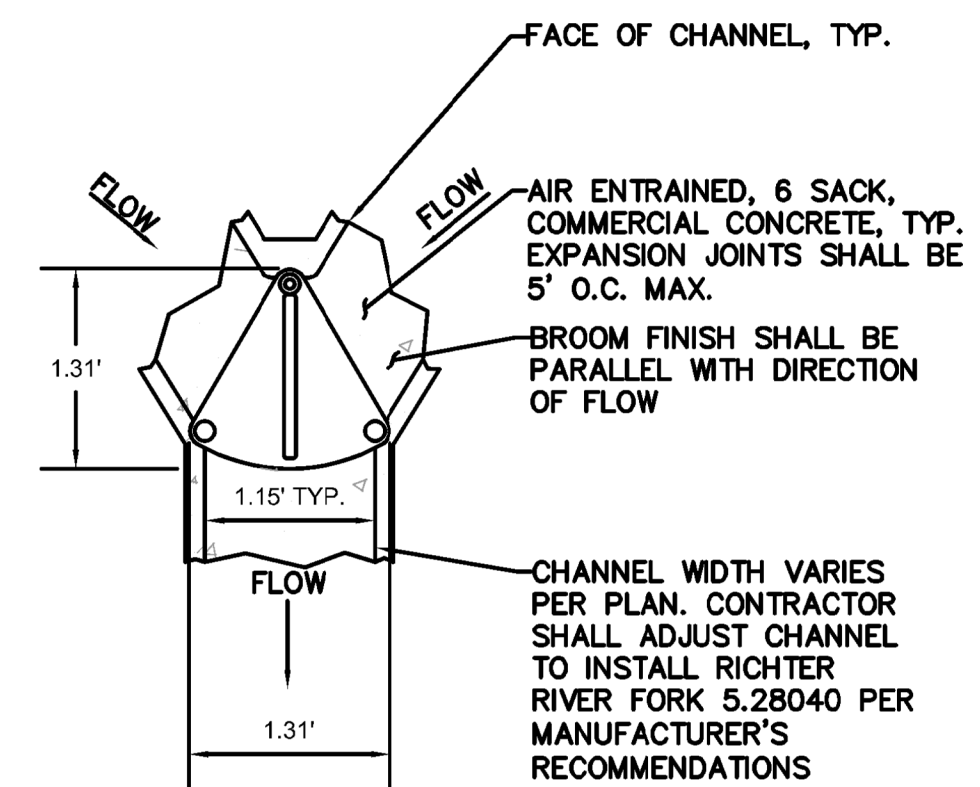
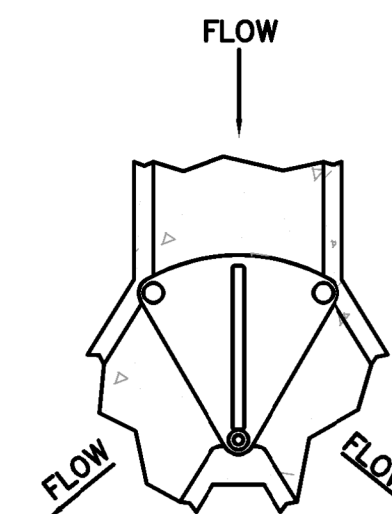
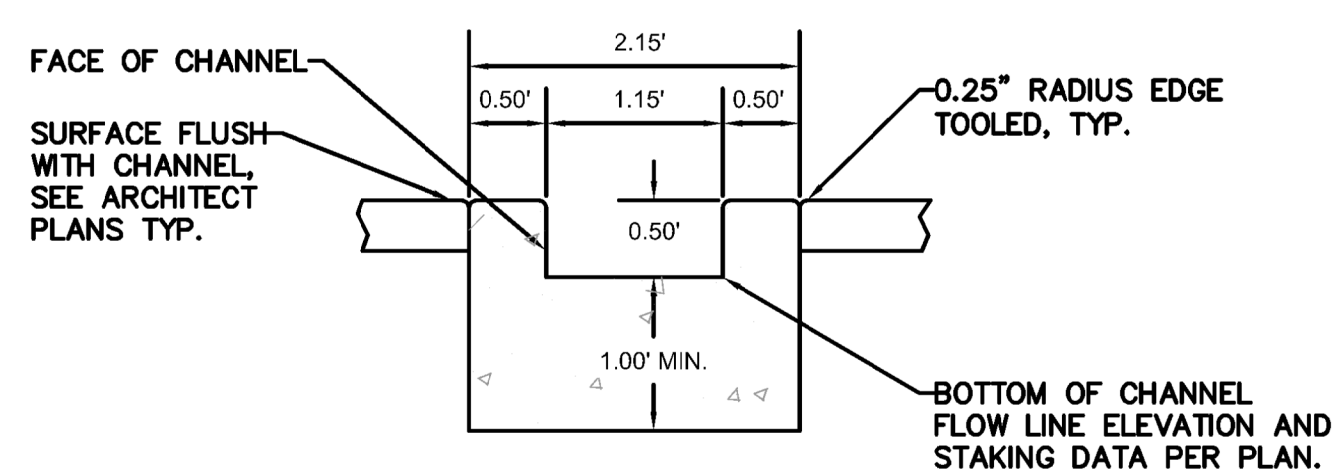
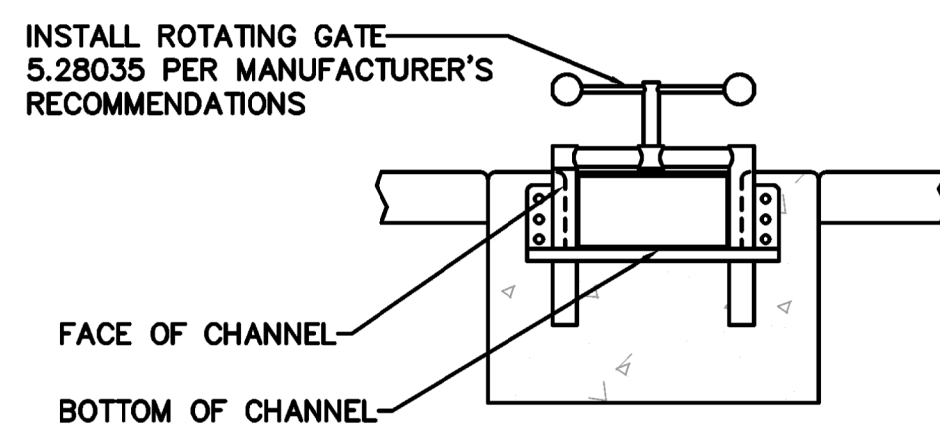
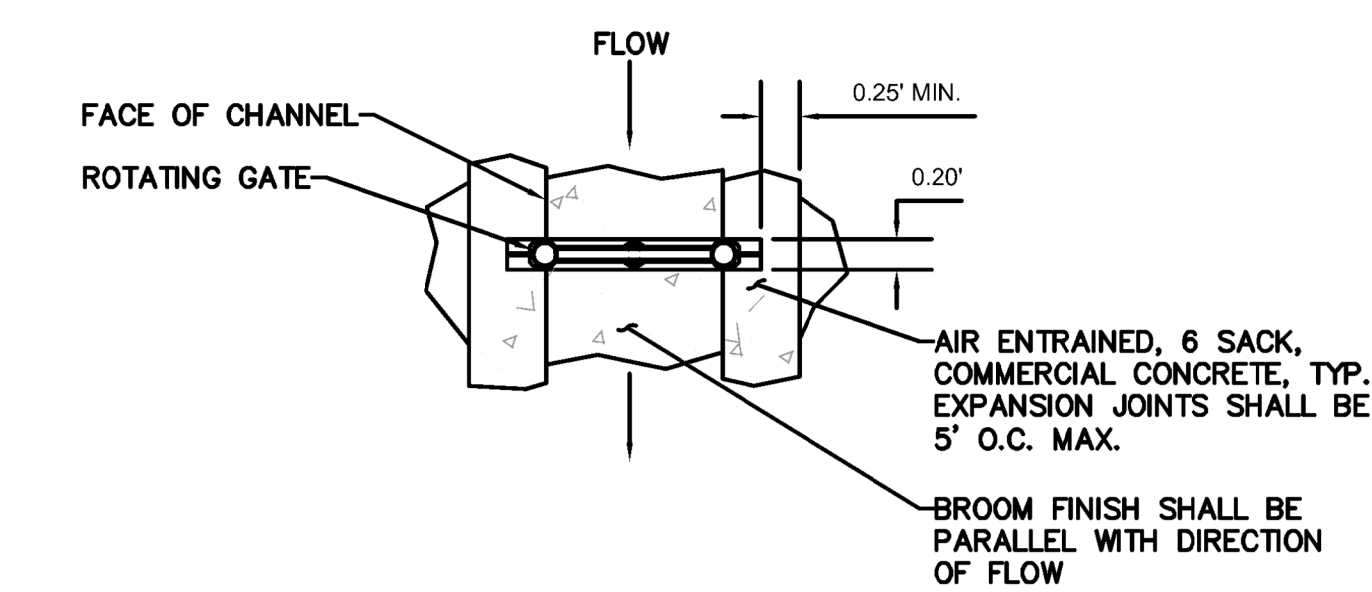
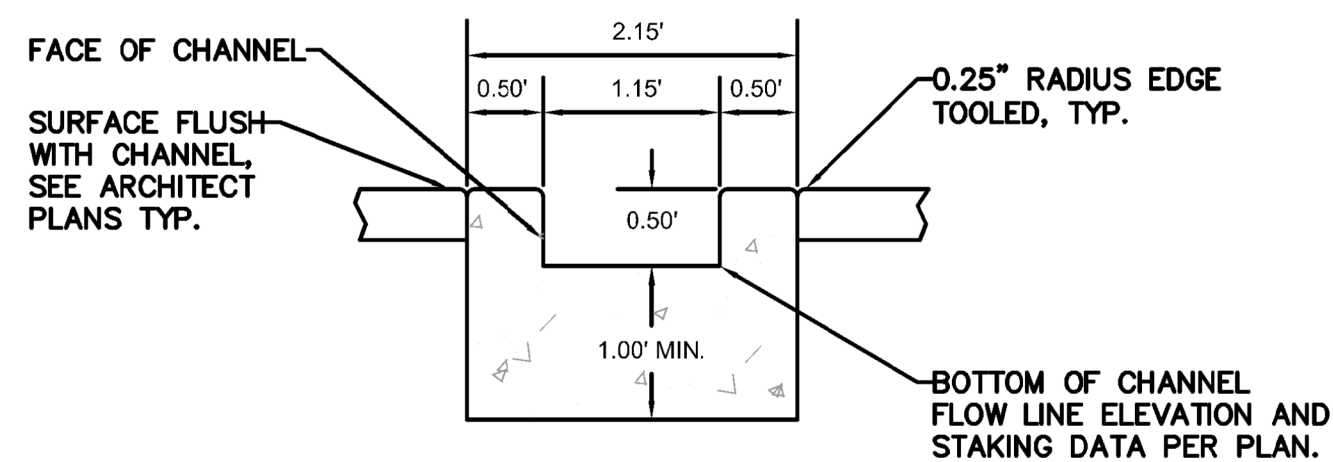
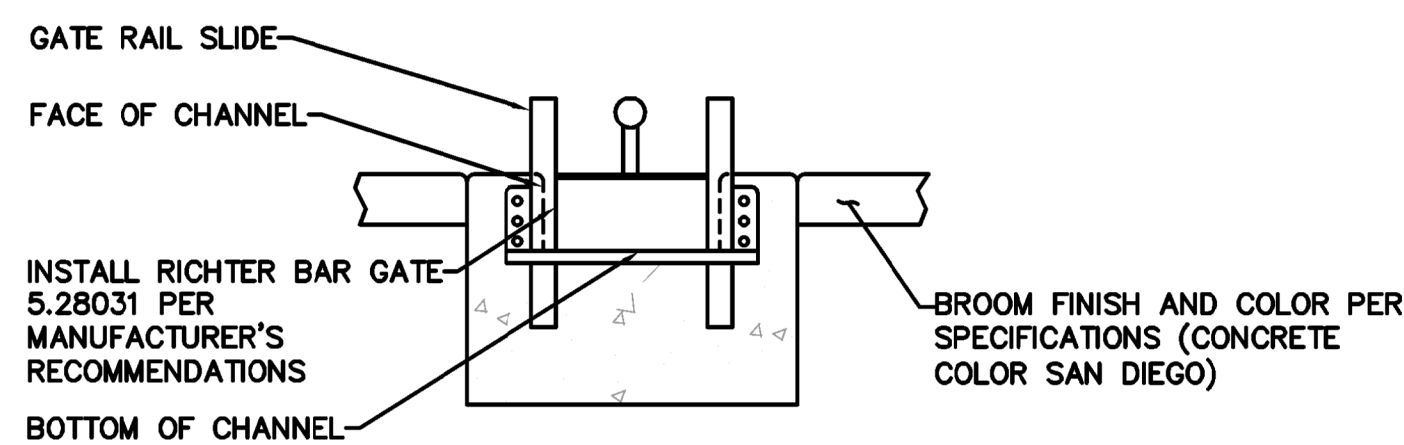
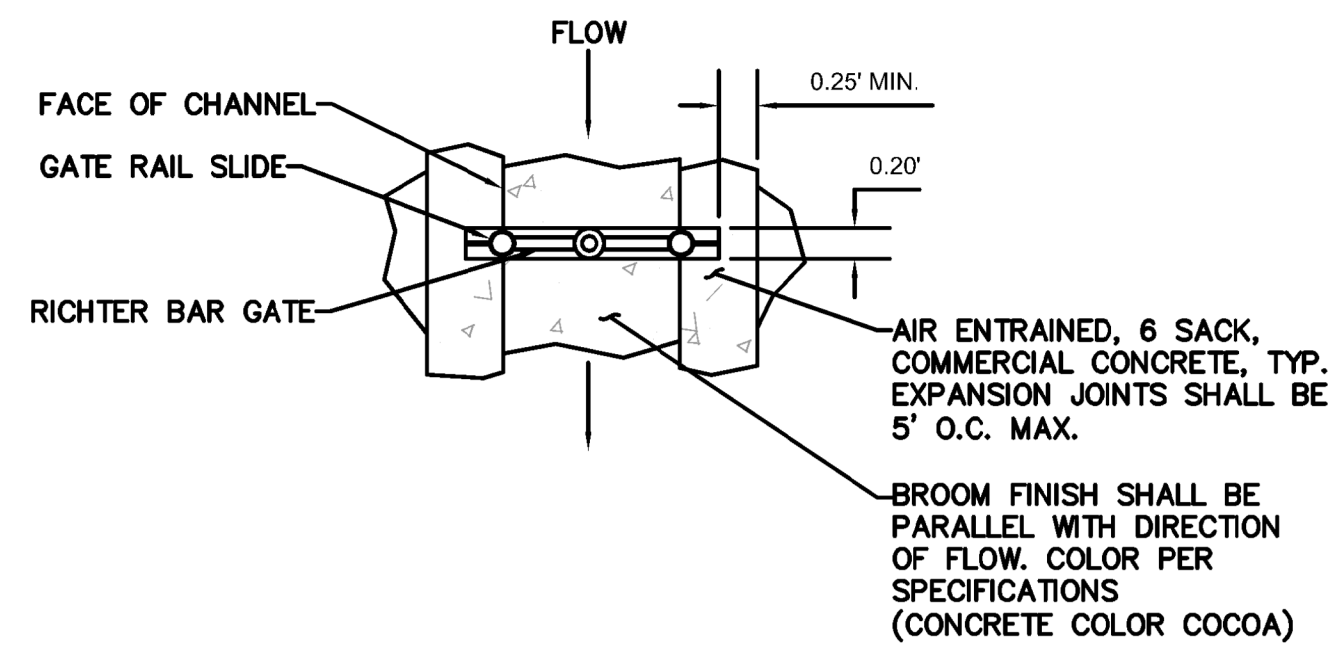


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DATE: Jun 28, 2019 - 1:57pm by: JRHODES

FILE NAME:



1
SW 7.0

RICHTER BAR GATE
DETAIL
NTS

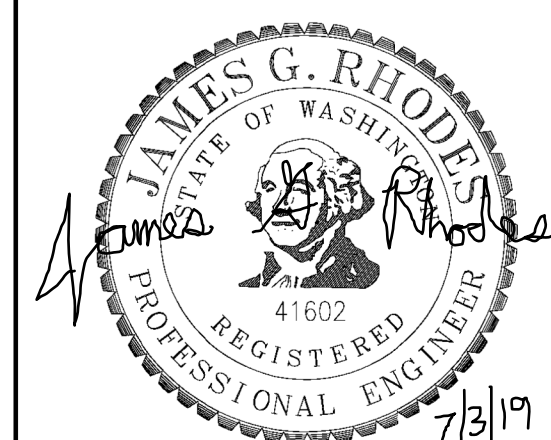
2
SW 7.0




RICHTER ROTATING BAR GATE
DETAIL
NTS

3
SW 7.0

RICHTER RIVER FORK
DETAIL
NTS

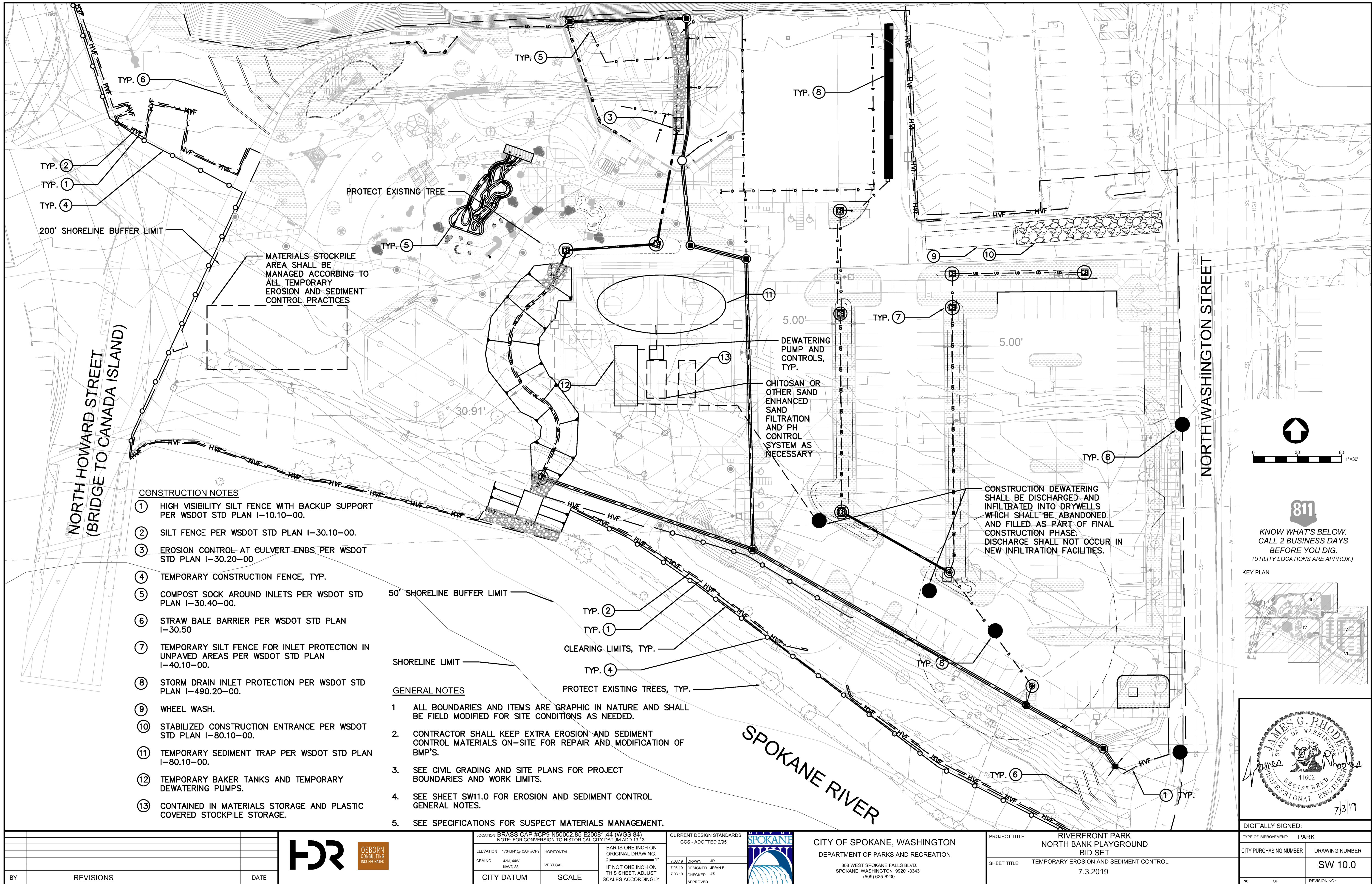
811
KNOW WHAT'S BELOW.
CALL 2 BUSINESS DAYS
BEFORE YOU DIG.
(UTILITY LOCATIONS ARE APPROX.)



			 	LOCATION: BRASS CAP #CP9 N50002.85 E20081.44 (WGS 84) NOTE: FOR CONVERSION TO HISTORICAL CITY DATUM ADD 13.13'		CURRENT DESIGN STANDARDS CCS - ADOPTED 2/95			CITY OF SPOKANE, WASHINGTON DEPARTMENT OF PARKS AND RECREATION 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6200		PROJECT TITLE: RIVERFRONT PARK NORTH BANK PLAYGROUND BID SET		TYPE OF IMPROVEMENT: PARK				
				ELEVATION 1734.54' @ CAP #CP9	HORIZONTAL	BAR IS ONE INCH ON ORIGINAL DRAWING. 0" = 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	7.03.2019 DRAWN JR				CITY PURCHASING NUMBER	DRAWING NUMBER					
				CBM NO. 43N, 44W NAVIG 88	VERTICAL		7.03.2019 DESIGNED JR/AN-B										
							7.03.2019 CHECKED JB										
BY REVISIONS DATE				CITY DATUM	SCALE		APPROVED										
														SHEET TITLE: STORMWATER DRAINAGE DETAILS 7.3.2019		SW 9.0	
														DATE: OF		REVISION NO.:	

DATE: Jun 28, 2019 - 1:56pm by: JRHODES

FILE NAME:



CONSTRUCTION NOTES

- 1 HIGH VISIBILITY SILT FENCE WITH BACKUP SUPPORT PER WSDOT STD PLAN I-10.10-00.
- 2 SILT FENCE PER WSDOT STD PLAN I-30.10-00.
- 3 EROSION CONTROL AT CULVERT ENDS PER WSDOT STD PLAN I-30.20-00
- 4 TEMPORARY CONSTRUCTION FENCE, TYP.
- 5 COMPOST SOCK AROUND INLETS PER WSDOT STD PLAN I-30.40-00.
- 6 STRAW BALE BARRIER PER WSDOT STD PLAN I-30.50
- 7 TEMPORARY SILT FENCE FOR INLET PROTECTION IN UNPAVED AREAS PER WSDOT STD PLAN I-40.10-00.
- 8 STORM DRAIN INLET PROTECTION PER WSDOT STD PLAN I-490.20-00.
- 9 WHEEL WASH.
- 10 STABILIZED CONSTRUCTION ENTRANCE PER WSDOT STD PLAN I-80.10-00.
- 11 TEMPORARY SEDIMENT TRAP PER WSDOT STD PLAN I-80.10-00.
- 12 TEMPORARY BAKER TANKS AND TEMPORARY DEWATERING PUMPS.
- 13 CONTAINED IN MATERIALS STORAGE AND PLASTIC COVERED STOCKPILE STORAGE.

50' SHORELINE BUFFER LIMIT

SHORELINE LIMIT

GENERAL NOTES

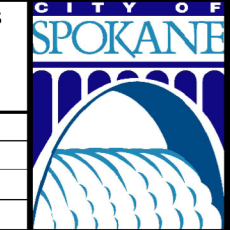
- 1 ALL BOUNDARIES AND ITEMS ARE GRAPHIC IN NATURE AND SHALL BE FIELD MODIFIED FOR SITE CONDITIONS AS NEEDED.
2. CONTRACTOR SHALL KEEP EXTRA EROSION AND SEDIMENT CONTROL MATERIALS ON-SITE FOR REPAIR AND MODIFICATION OF BMP'S.
3. SEE CIVIL GRADING AND SITE PLANS FOR PROJECT BOUNDARIES AND WORK LIMITS.
4. SEE SHEET SW11.0 FOR EROSION AND SEDIMENT CONTROL GENERAL NOTES.
5. SEE SPECIFICATIONS FOR SUSPECT MATERIALS MANAGEMENT.

BY	REVISIONS	DATE



LOCATION BRASS CAP #CP9 N50002.85 E20081.44 (WGS 84) NOTE: FOR CONVERSION TO HISTORICAL CITY DATUM ADD 13.13'	
ELEVATION 1734.64' @ CAP #CP9	HORIZONTAL
CBM NO. 43N, 44W	VERTICAL
NAVIG 89	
CITY DATUM	SCALE

CURRENT DESIGN STANDARDS CCS - ADOPTED 2/95	
7.03.19	DRAWN JR
7.03.19	DESIGNED JUAN-B
7.03.19	CHECKED -JB
	APPROVED



CITY OF SPOKANE, WASHINGTON
DEPARTMENT OF PARKS AND RECREATION
808 WEST SPOKANE FALLS BLVD.
SPOKANE, WASHINGTON 99201-3343
(509) 625-6200

PROJECT TITLE:	RIVERFRONT PARK NORTH BANK PLAYGROUND BID SET
SHEET TITLE:	TEMPORARY EROSION AND SEDIMENT CONTROL 7.3.2019

DIGITALLY SIGNED:	
TYPE OF IMPROVEMENT:	PARK
CITY PURCHASING NUMBER	DRAWING NUMBER
	SW 10.0
FILE NAME:	

DATE: Jun 28, 2019 - 2:09pm by: JRHODES